

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080819\
 Data File : VX011385.D
 Acq On : 08 Aug 2019 12:32
 Operator : JC/SP
 Sample : VX0808WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

Quant Time: Aug 09 04:23:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	164481	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	245536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	227405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118578	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	88967	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	5.49	113	77465	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	8.71	98	284449	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
62) 4-Bromofluorobenzene	11.13	95	102460	47.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	20912	16.462	ug/l	100
3) Chloromethane	1.32	50	23528	16.493	ug/l	96
4) Vinyl Chloride	1.40	62	26334	16.782	ug/l	100
5) Bromomethane	1.63	94	20344	18.178	ug/l	96
6) Chloroethane	1.71	64	18380	17.201	ug/l	96
7) Trichlorofluoromethane	1.92	101	48044	17.219	ug/l	100
8) Diethyl Ether	2.18	74	17116	17.180	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	26245	17.384	ug/l	98
10) Methyl Iodide	2.50	142	31179	16.381	ug/l	98
11) Tert butyl alcohol	3.03	59	29996	90.829	ug/l	98
12) 1,1-Dichloroethene	2.37	96	25996	17.371	ug/l	90
13) Acrolein	2.29	56	17148	83.258	ug/l	100
14) Allyl chloride	2.72	41	37403	18.748	ug/l	96
15) Acrylonitrile	3.14	53	75225	95.438	ug/l	98
16) Acetone	2.43	43	68148	86.436	ug/l	96
17) Carbon Disulfide	2.56	76	57623	16.408	ug/l	99
18) Methyl Acetate	2.76	43	35508	19.707	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	85177	19.314	ug/l	97
20) Methylene Chloride	2.85	84	29967	17.355	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	28148	17.781	ug/l	93
22) Diisopropyl ether	3.85	45	84698	19.316	ug/l	98
23) Vinyl Acetate	3.81	43	355199	97.669	ug/l	99
24) 1,1-Dichloroethane	3.69	63	48096	18.602	ug/l	99
25) 2-Butanone	4.66	43	106351	94.827	ug/l	95
26) 2,2-Dichloropropane	4.57	77	37159	18.488	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	32248	17.686	ug/l	96
28) Bromochloromethane	5.01	49	23008	19.520	ug/l	93
29) Tetrahydrofuran	5.12	42	64549	93.867	ug/l	99
30) Chloroform	5.20	83	53141	18.911	ug/l	96
31) Cyclohexane	5.57	56	37236	17.456	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	45236	18.791	ug/l	97
36) 1,1-Dichloropropene	5.79	75	36790	17.161	ug/l	97
37) Ethyl Acetate	4.82	43	39102	18.184	ug/l	98
38) Carbon Tetrachloride	5.78	117	39003	18.084	ug/l	96

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0808WBSD01

Quant Time: Aug 09 04:23:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	40550	15.958	ug/l	98
40) Benzene	6.13	78	114903	17.962	ug/l	99
41) Methacrylonitrile	5.03	41	21143	18.004	ug/l	98
42) 1,2-Dichloroethane	6.18	62	42089	19.457	ug/l	98
43) Isopropyl Acetate	6.44	43	62851	18.282	ug/l	99
44) Trichloroethene	7.21	130	33593	17.349	ug/l	98
45) 1,2-Dichloropropane	7.51	63	27944	16.867	ug/l	98
46) Dibromomethane	7.66	93	21787	18.014	ug/l	95
47) Bromodichloromethane	7.89	83	37859	18.489	ug/l	96
48) Methyl methacrylate	7.77	41	30401	18.790	ug/l	97
49) 1,4-Dioxane	7.74	88	15428	328.919	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	212161	95.624	ug/l	99
52) Toluene	8.78	92	74761	17.676	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	38736	18.160	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	43316	18.109	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	32518	18.699	ug/l	97
56) Ethyl methacrylate	9.18	69	45454	18.341	ug/l	94
57) 1,3-Dichloropropane	9.37	76	51744	18.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	120006	98.486	ug/l	98
59) 2-Hexanone	9.49	43	163628	95.214	ug/l	99
60) Dibromochloromethane	9.58	129	32441	18.221	ug/l	98
61) 1,2-Dibromoethane	9.67	107	34252	18.230	ug/l	98
64) Tetrachloroethene	9.33	164	34271	17.746	ug/l	93
65) Chlorobenzene	10.13	112	85439	17.523	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	31083	18.621	ug/l	98
67) Ethyl Benzene	10.25	91	143155	17.531	ug/l	97
68) m/p-Xylenes	10.35	106	111416	35.275	ug/l	99
69) o-Xylene	10.69	106	53581	17.265	ug/l	98
70) Styrene	10.71	104	90436	17.612	ug/l	98
71) Bromoform	10.85	173	23508	17.693	ug/l #	99
73) Isopropylbenzene	11.02	105	147092	18.137	ug/l	99
74) N-amyl acetate	10.90	43	55780	19.035	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	50660	18.745	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	52879	24.487	ug/l	85
77) Bromobenzene	11.26	156	40584	18.047	ug/l	97
78) n-propylbenzene	11.36	91	161900	17.952	ug/l	98
79) 2-Chlorotoluene	11.42	91	96363	17.927	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	122184	17.998	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	12315	18.377	ug/l	92
82) 4-Chlorotoluene	11.51	91	113028	18.042	ug/l	98
83) tert-Butylbenzene	11.77	119	117803	17.693	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	124667	18.444	ug/l	99
85) sec-Butylbenzene	11.94	105	141292	17.662	ug/l	99
86) p-Isopropyltoluene	12.06	119	127052	17.264	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	70077	17.636	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	70040	17.094	ug/l	97
89) n-Butylbenzene	12.38	91	107117	16.894	ug/l	100
90) Hexachloroethane	12.59	117	18541	17.041	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	70964	17.775	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	10483	20.021	ug/l	92

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

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Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration

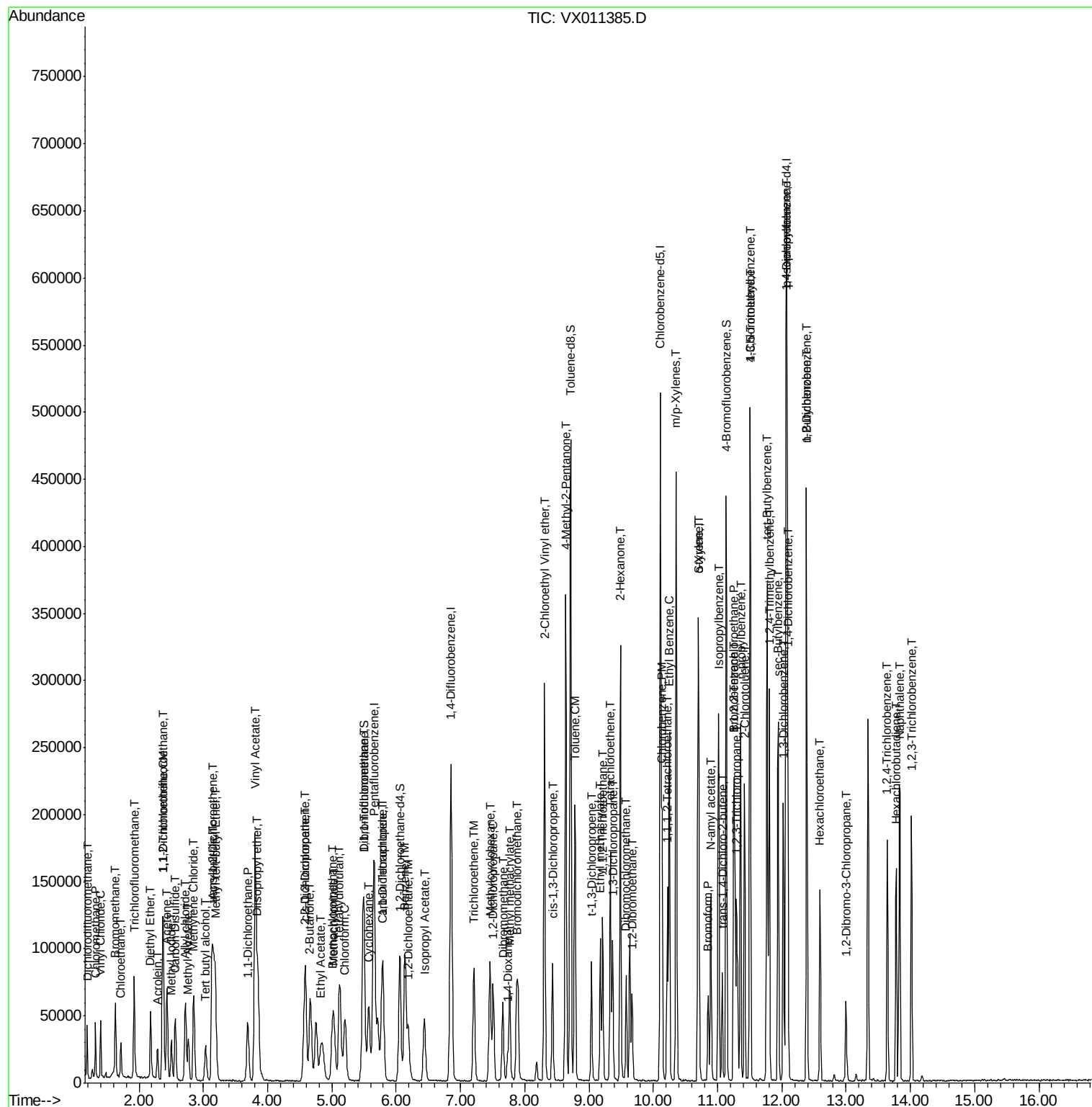
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	45310	17.113	ug/l	99
94) Hexachlorobutadiene	13.78	225	23714	17.653	ug/l	97
95) Naphthalene	13.83	128	142158	18.360	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	47708	17.724	ug/l	99

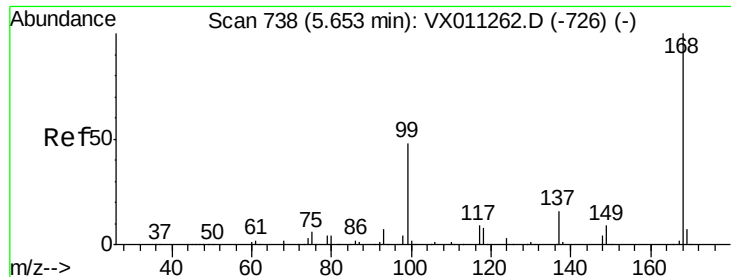
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX080819\
Data File : VX011385.D
Acq On : 08 Aug 2019 12:32
Operator : JC/SP
Sample : VX0808WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sample Id :
VX0808WBSD01

Quant Time: Aug 09 04:23:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:55:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

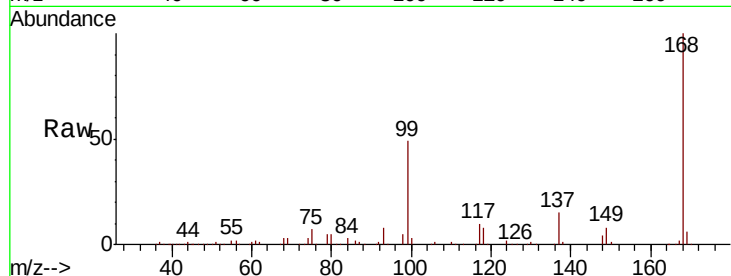
VX0808WBSD01

Tgt Ion:168 Resp: 164481

Ion Ratio Lower Upper

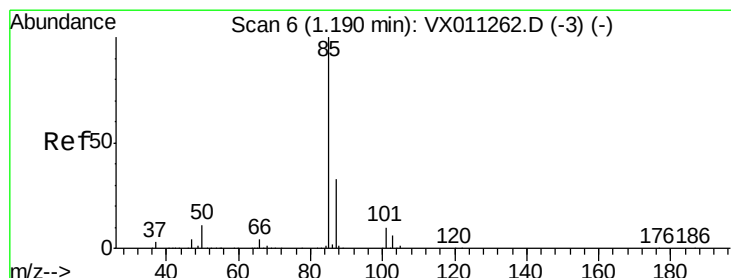
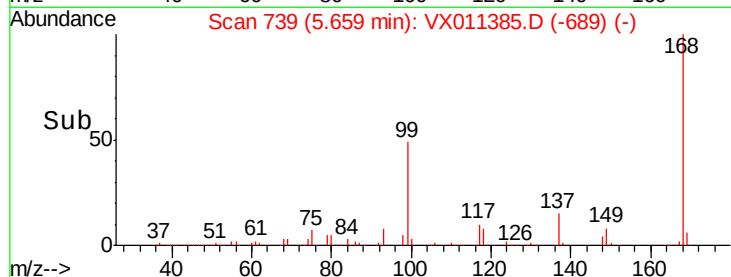
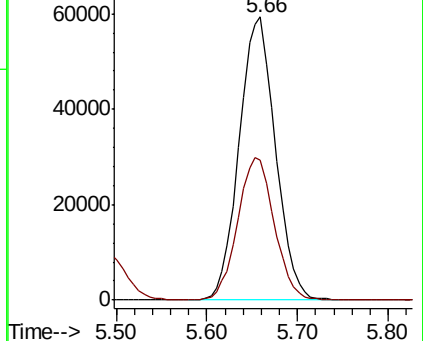
168 100

99 49.3 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.462 ug/l

RT: 1.19 min Scan# 6

Delta R.T. 0.00 min

Lab File: VX011385.D

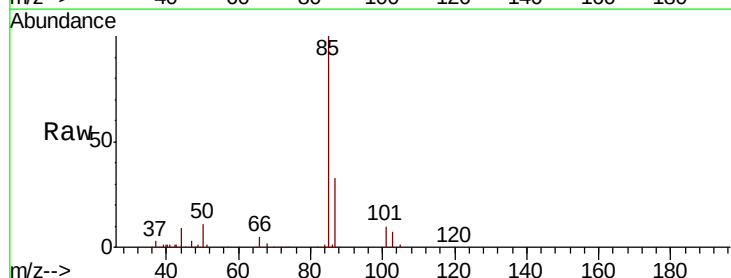
Acq: 08 Aug 2019 12:32

Tgt Ion: 85 Resp: 20912

Ion Ratio Lower Upper

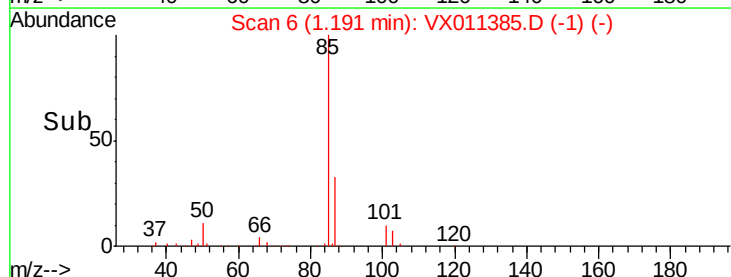
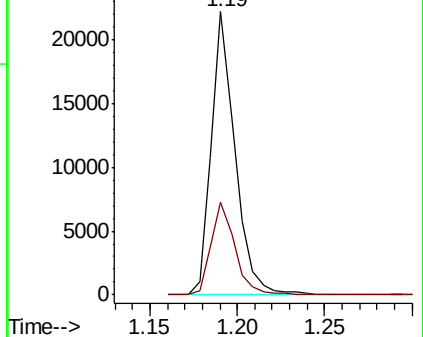
85 100

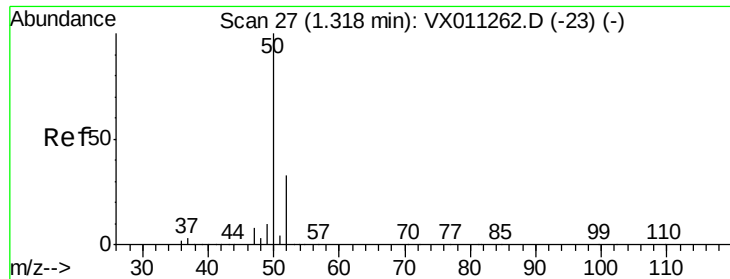
87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.493 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

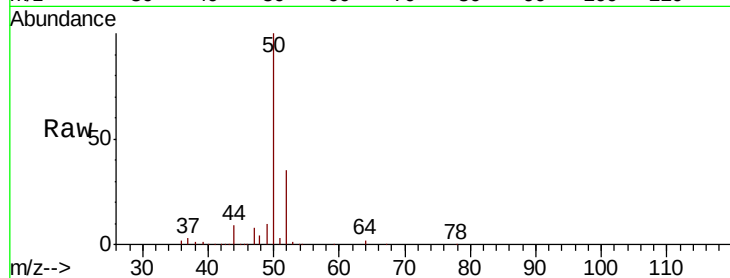
VX0808WBSD01

Tgt Ion: 50 Resp: 23528

Ion Ratio Lower Upper

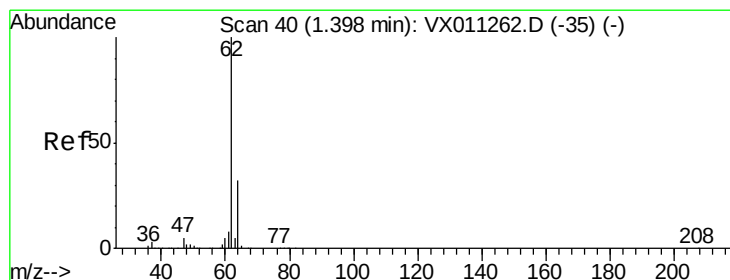
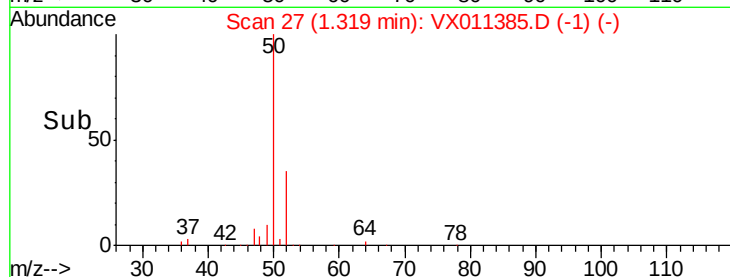
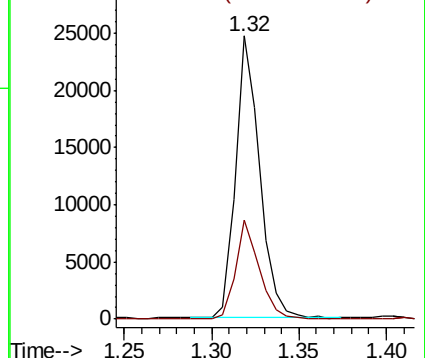
50 100

52 35.3 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.782 ug/l

RT: 1.40 min Scan# 40

Delta R.T. 0.00 min

Lab File: VX011385.D

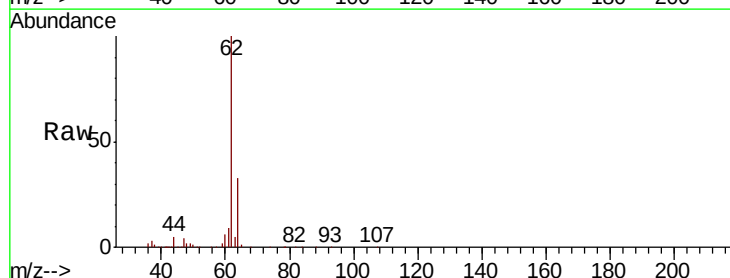
Acq: 08 Aug 2019 12:32

Tgt Ion: 62 Resp: 26334

Ion Ratio Lower Upper

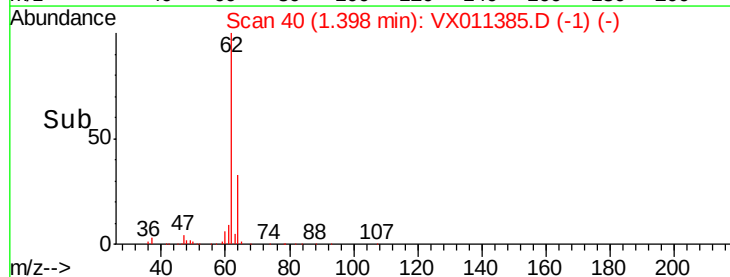
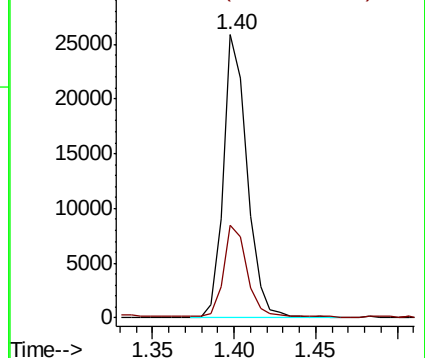
62 100

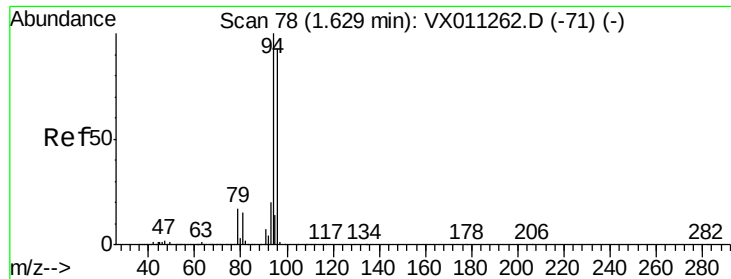
64 32.4 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.178 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

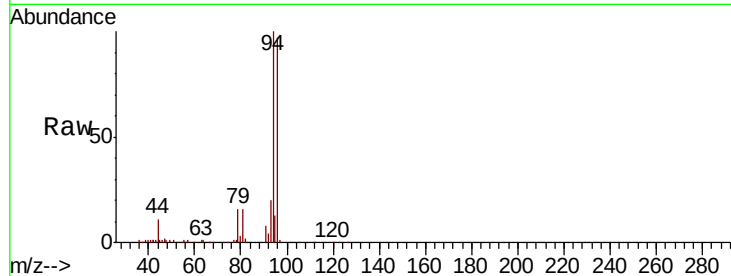
VX0808WBSD01

Tgt Ion: 94 Resp: 20344

Ion Ratio Lower Upper

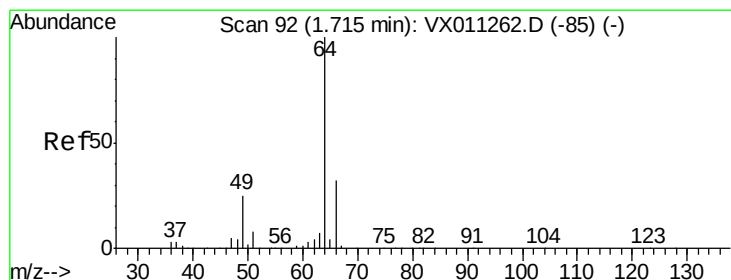
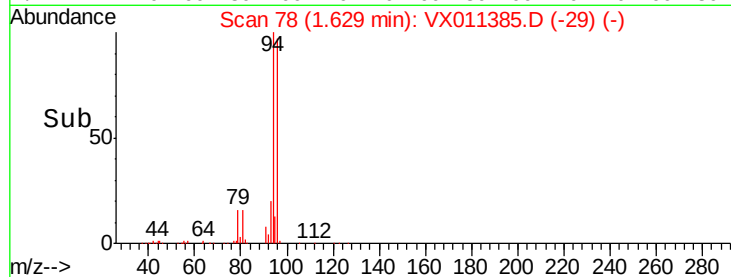
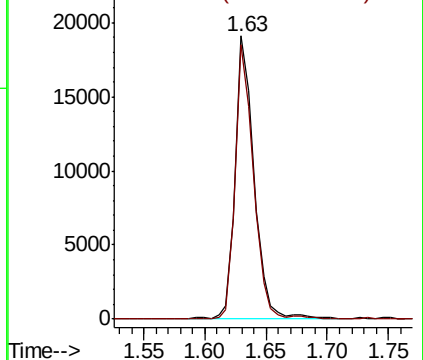
94 100

96 96.7 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.201 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX011385.D

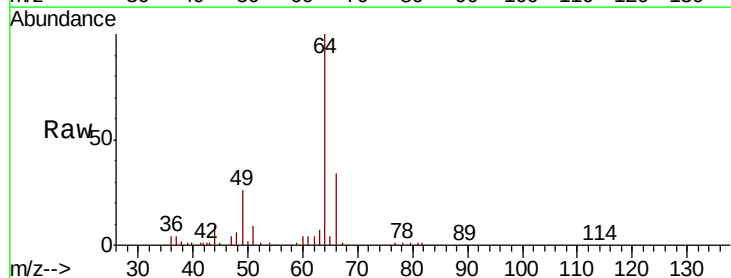
Acq: 08 Aug 2019 12:32

Tgt Ion: 64 Resp: 18380

Ion Ratio Lower Upper

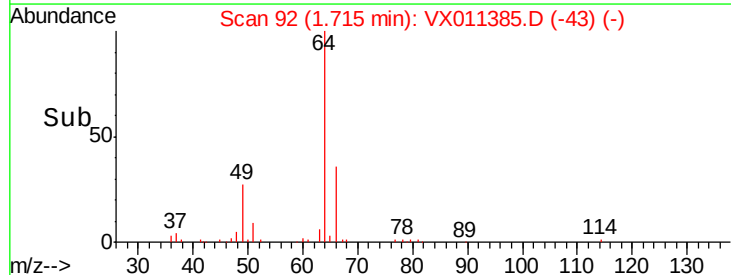
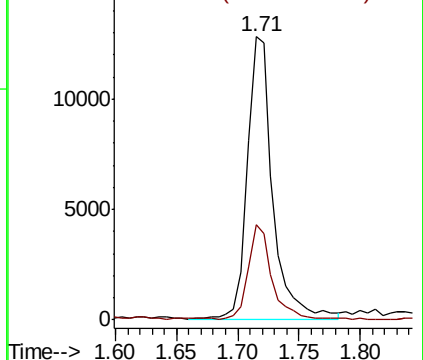
64 100

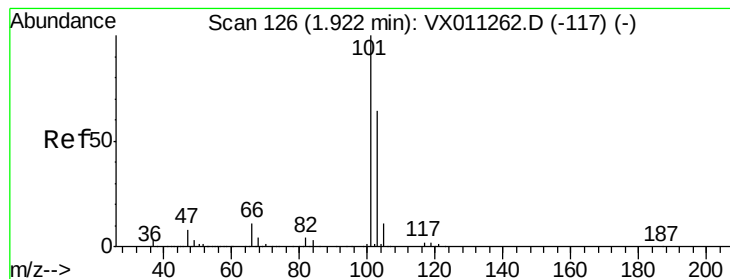
66 33.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



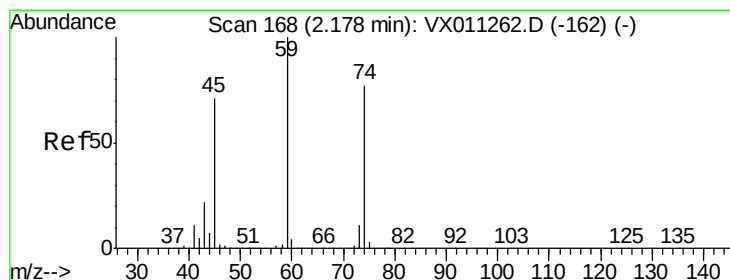
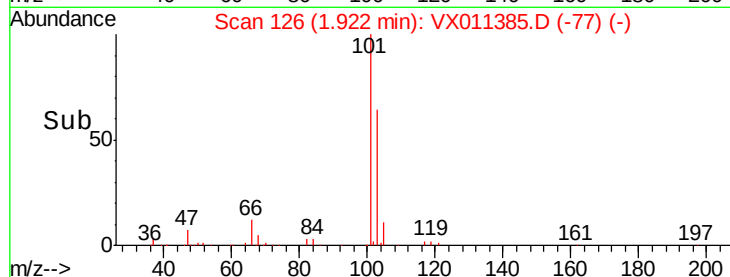
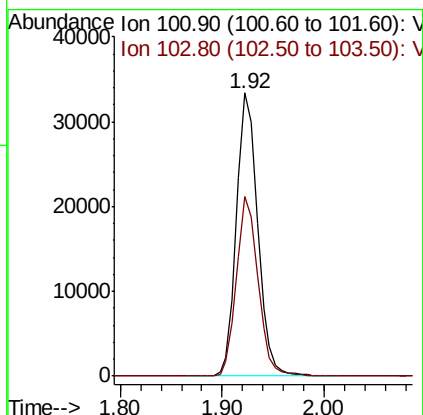
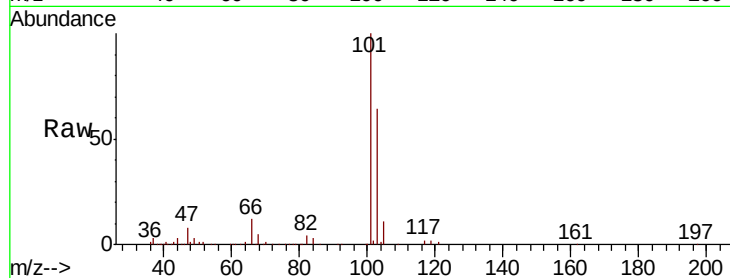


#7

Trichlorofluoromethane
 Concen: 17.219 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

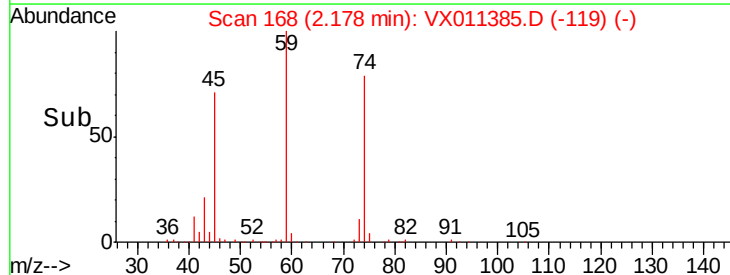
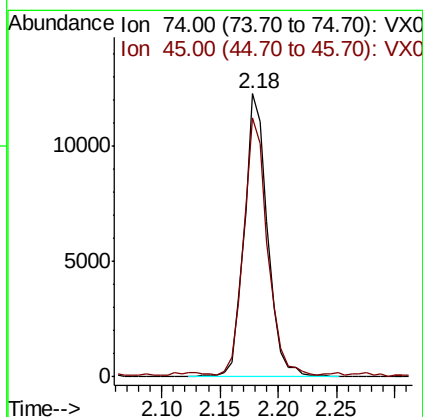
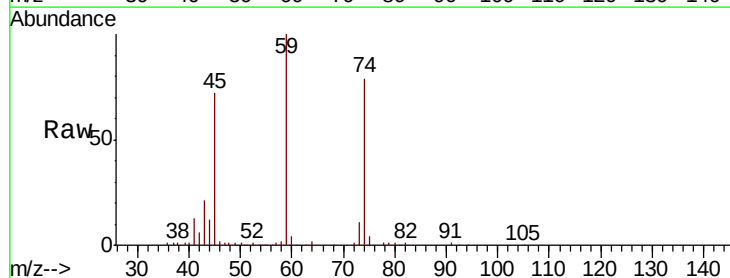
Tgt Ion: 101 Resp: 48044
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.9 76.3

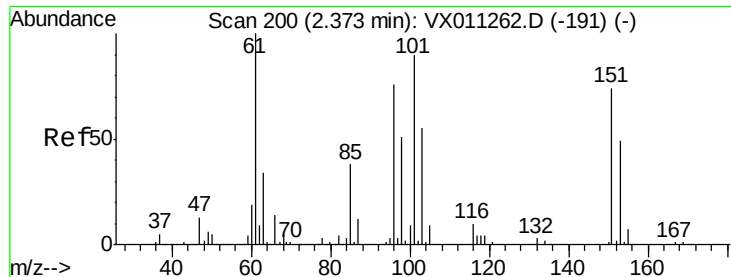


#8

Diethyl Ether
 Concen: 17.180 ug/l
 RT: 2.18 min Scan# 168
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Tgt Ion: 74 Resp: 17116
 Ion Ratio Lower Upper
 74 100
 45 93.1 46.1 138.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.384 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

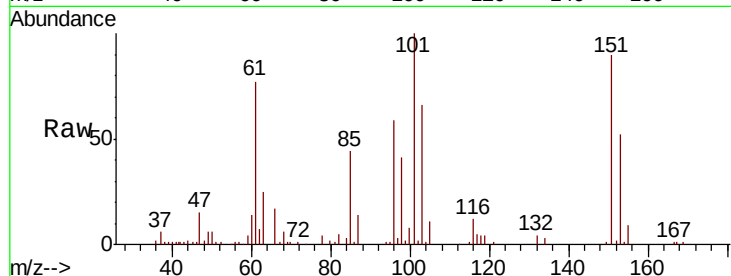
Tgt Ion:101 Resp: 26245

Ion Ratio Lower Upper

101 100

85 43.8 33.8 50.6

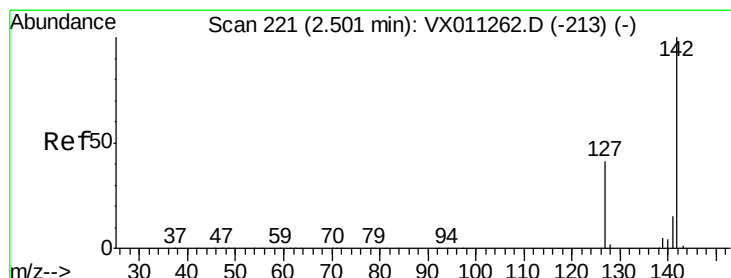
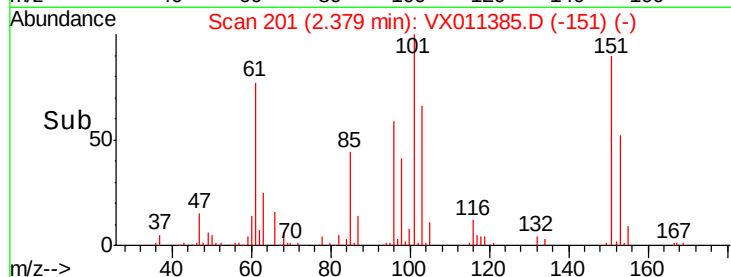
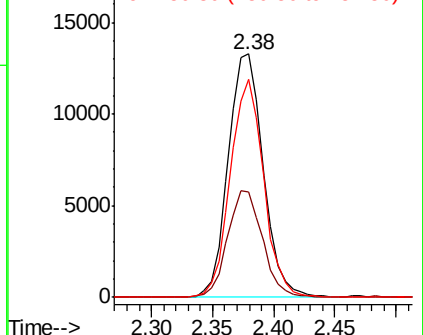
151 85.1 69.5 104.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.381 ug/l

RT: 2.50 min Scan# 221

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

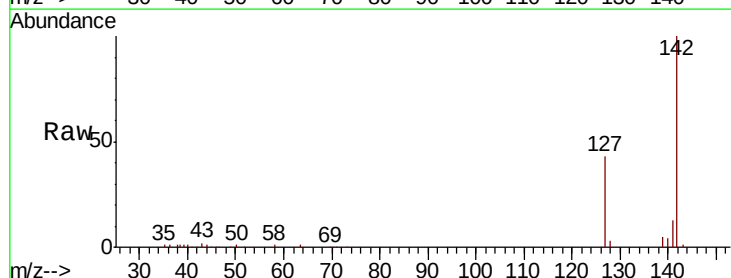
Tgt Ion:142 Resp: 31179

Ion Ratio Lower Upper

142 100

127 43.7 33.8 50.8

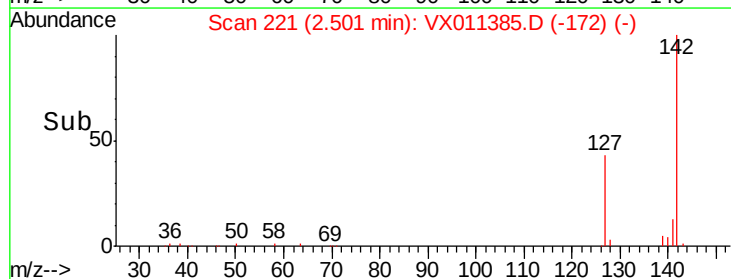
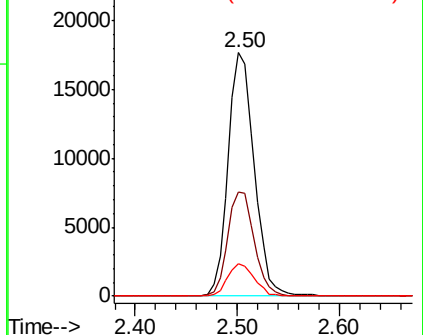
141 13.6 11.4 17.2

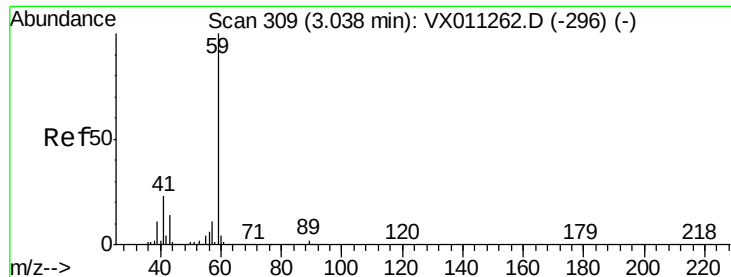


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

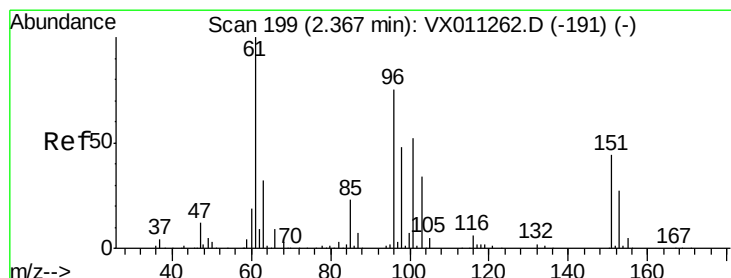
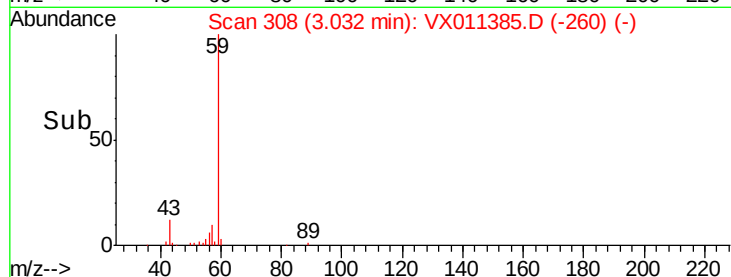
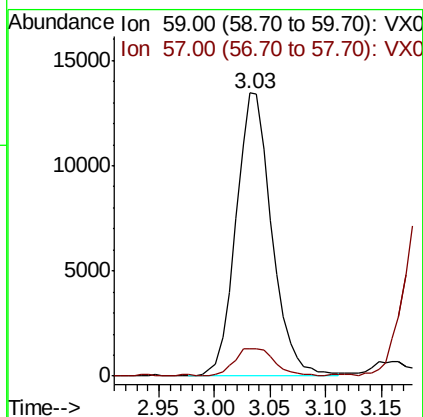
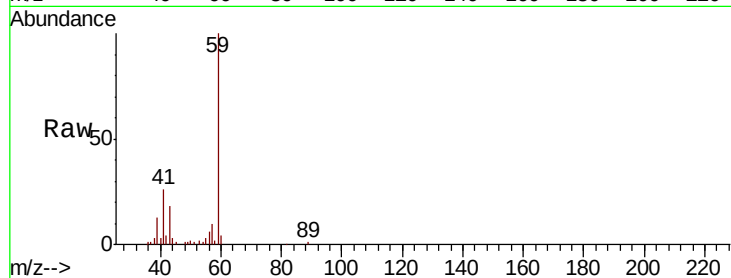




#11
Tert butyl alcohol
Concen: 90.829 ug/l
RT: 3.03 min Scan# 308
Delta R.T. -0.01 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

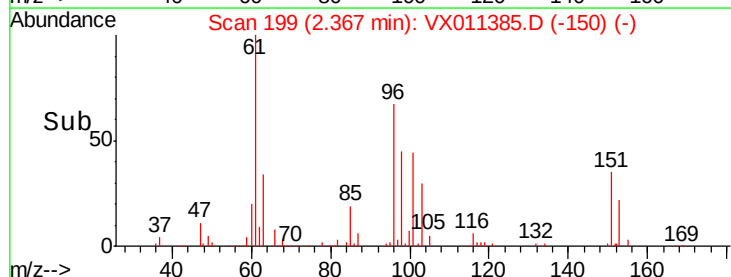
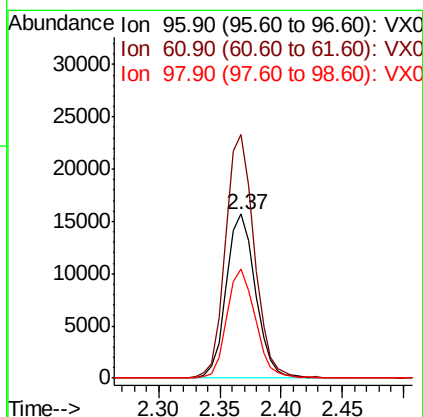
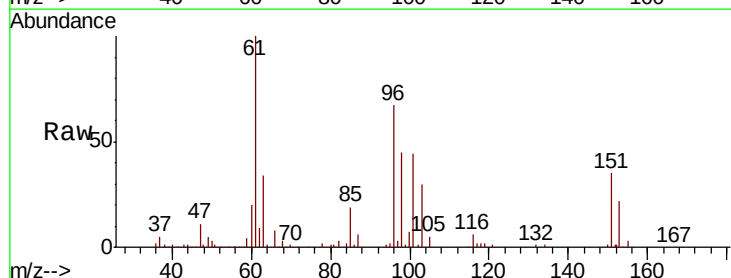
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

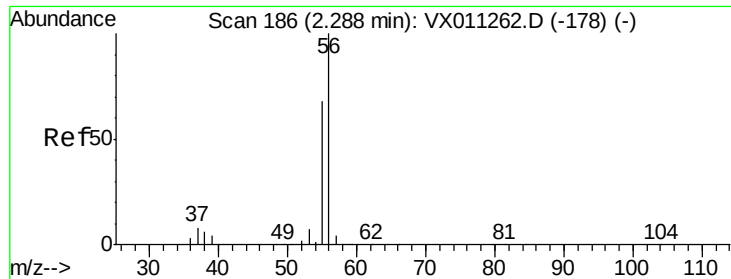
Tgt Ion: 59 Resp: 29996
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 17.371 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion: 96 Resp: 25996
Ion Ratio Lower Upper
96 100
61 148.4 106.2 159.2
98 66.3 50.6 75.8





#13

Acrolein

Concen: 83.258 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

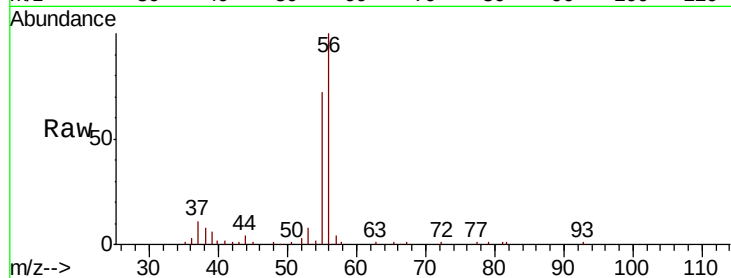
VX0808WBSD01

Tgt Ion: 56 Resp: 17148

Ion Ratio Lower Upper

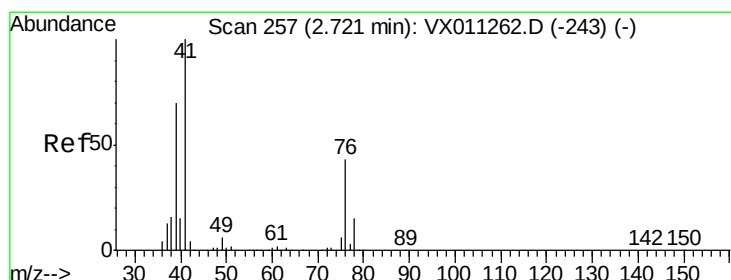
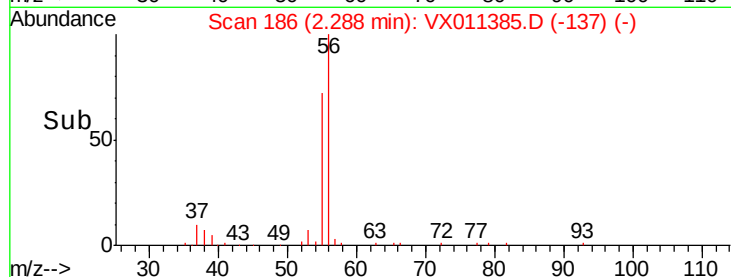
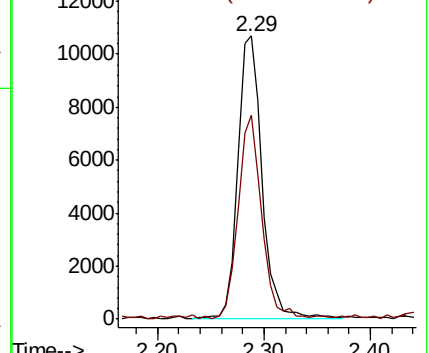
56 100

55 69.9 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.748 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

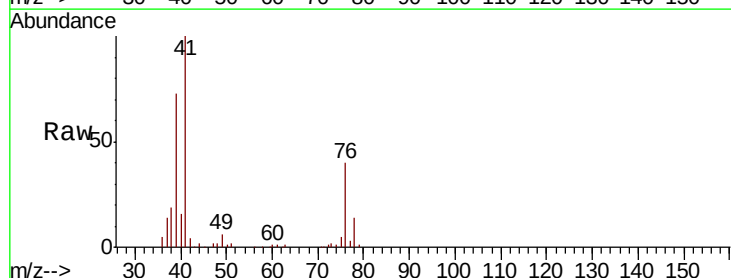
Tgt Ion: 41 Resp: 37403

Ion Ratio Lower Upper

41 100

39 69.3 52.8 79.2

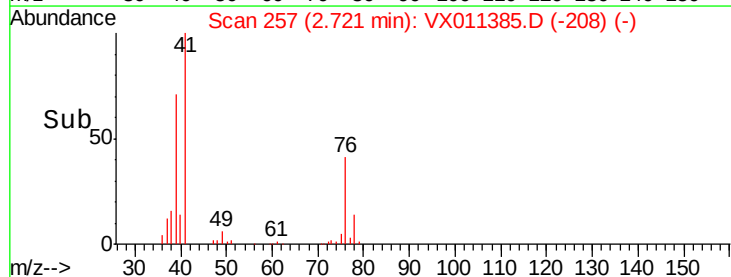
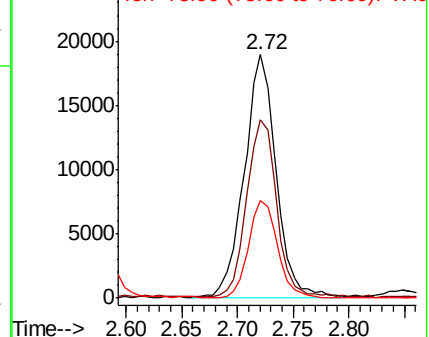
76 37.0 31.1 46.7

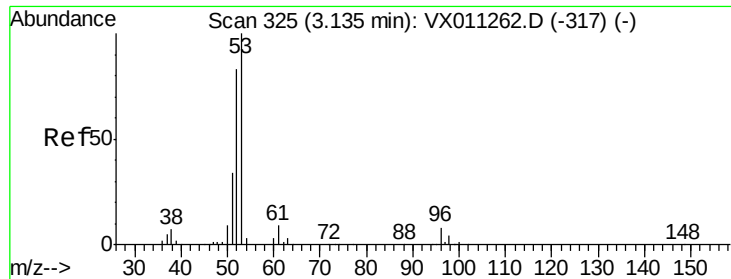


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 95.438 ug/l

RT: 3.14 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

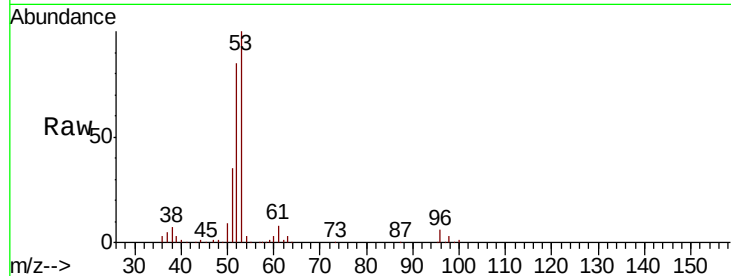
Tgt Ion: 53 Resp: 75225

Ion Ratio Lower Upper

53 100

52 83.0 65.5 98.3

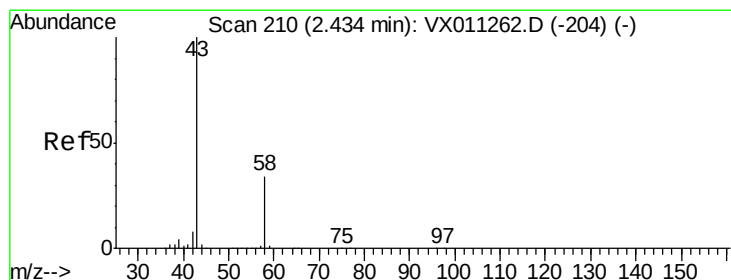
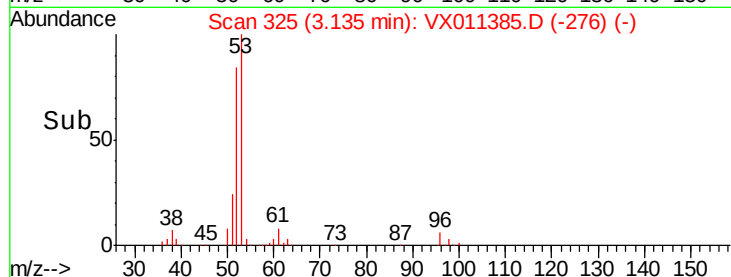
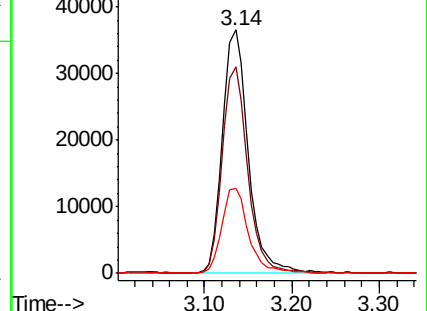
51 36.4 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 86.436 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011385.D

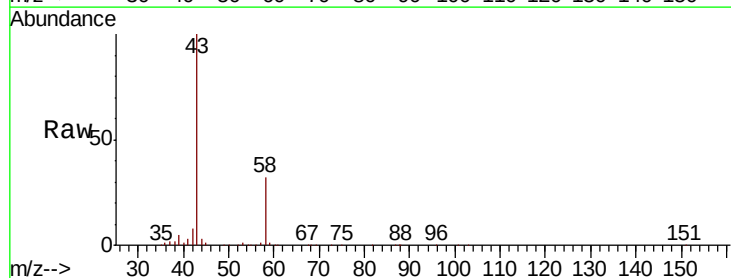
Acq: 08 Aug 2019 12:32

Tgt Ion: 43 Resp: 68148

Ion Ratio Lower Upper

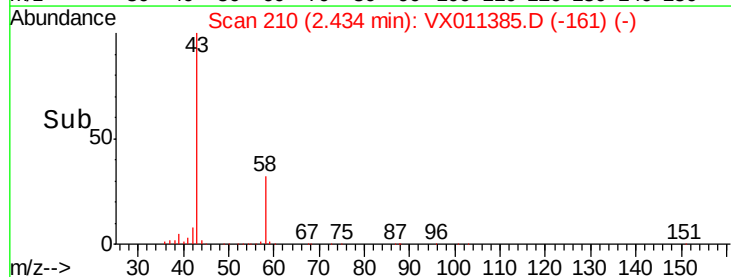
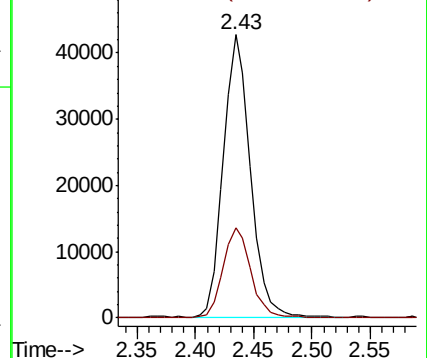
43 100

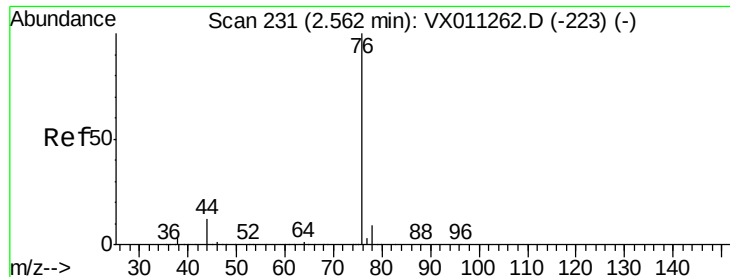
58 31.8 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

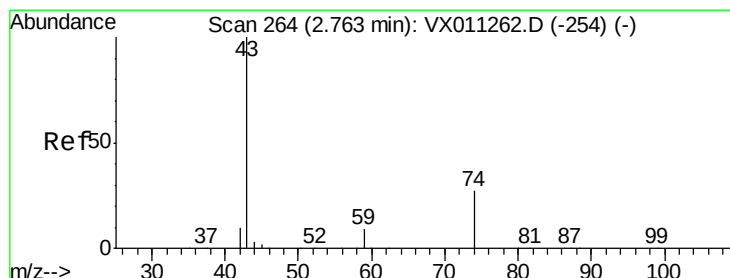
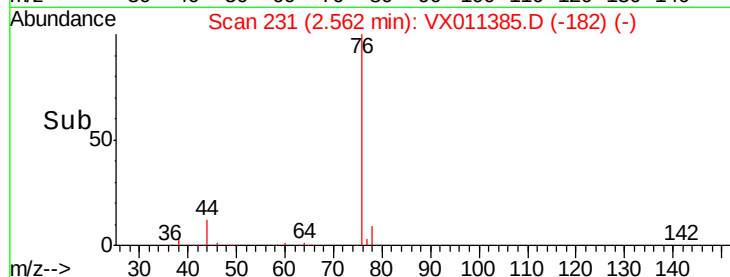
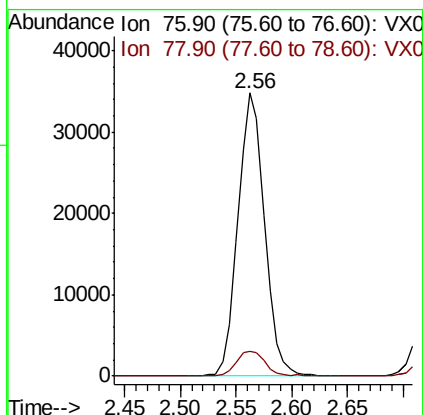
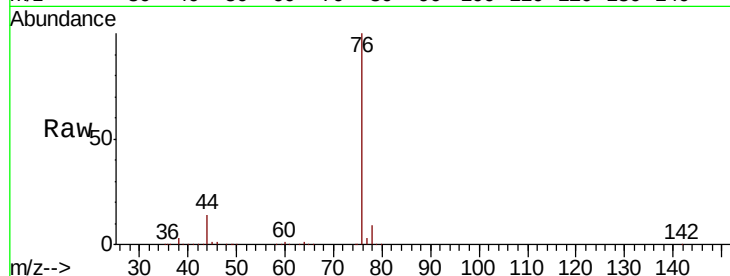




#17
Carbon Disulfide
Concen: 16.408 ug/l
RT: 2.56 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

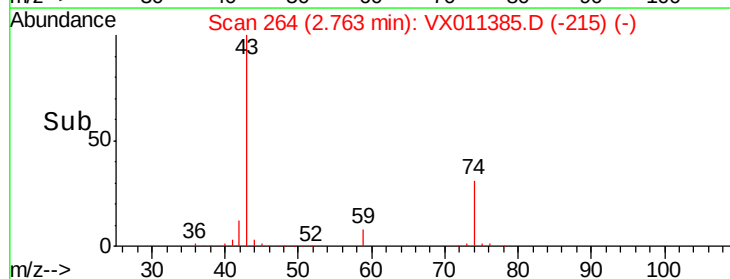
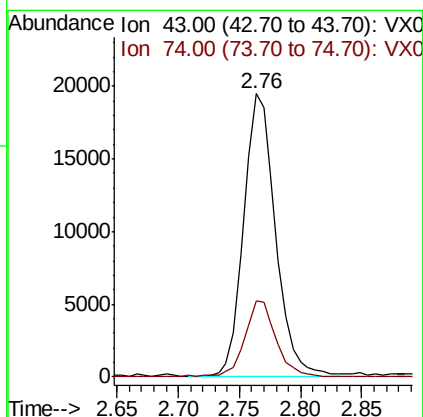
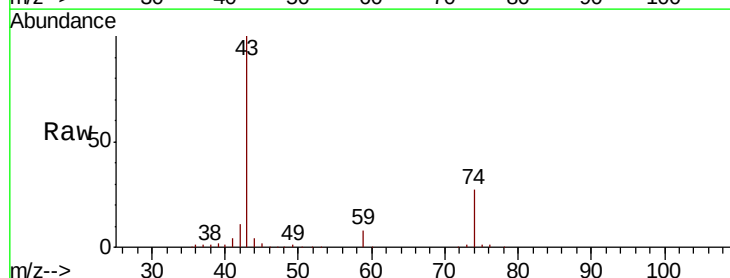
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

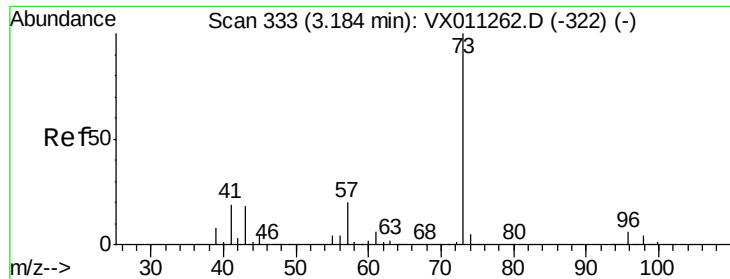
Tgt Ion: 76 Resp: 57623
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 19.707 ug/l
RT: 2.76 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion: 43 Resp: 35508
Ion Ratio Lower Upper
43 100
74 26.4 21.0 31.6

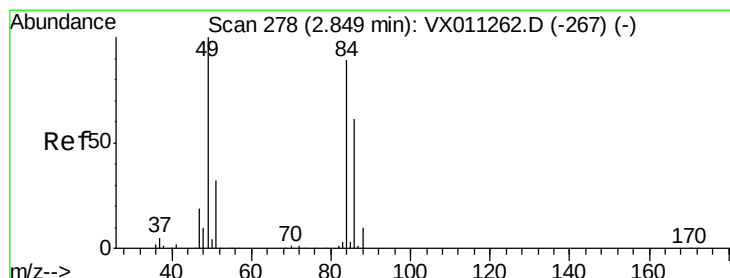
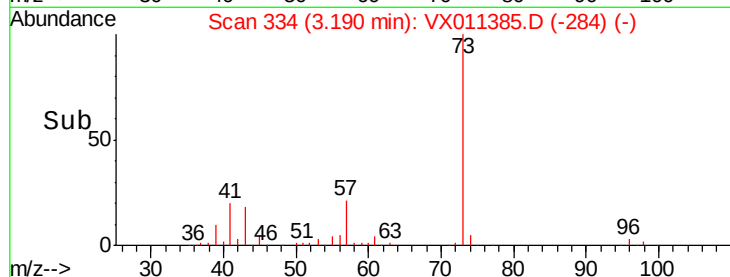
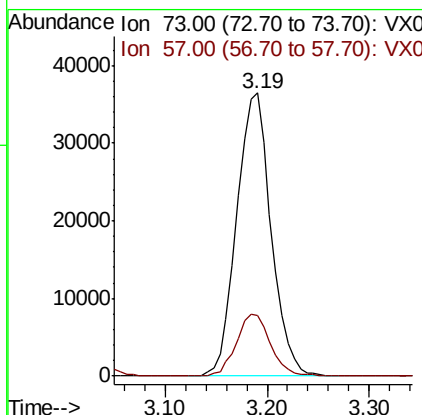
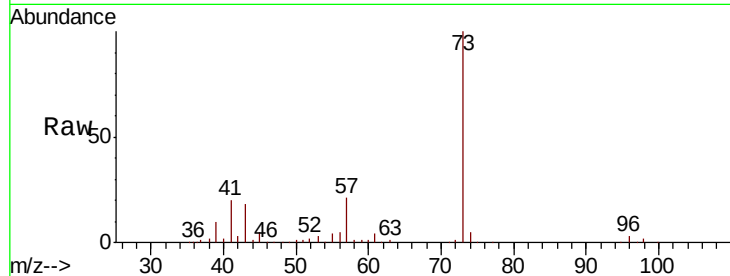




#19
Methyl tert-butyl Ether
Concen: 19.314 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

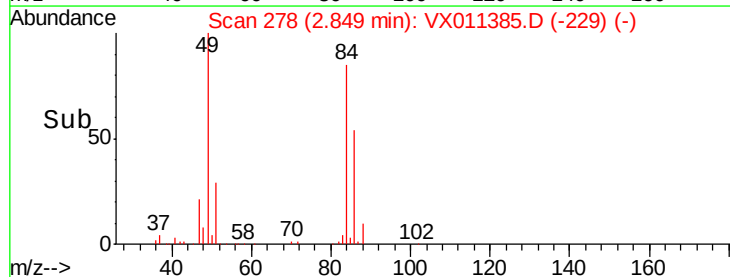
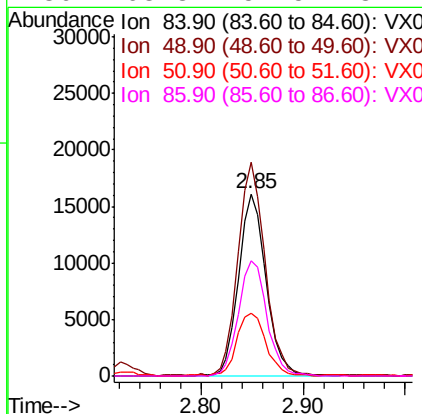
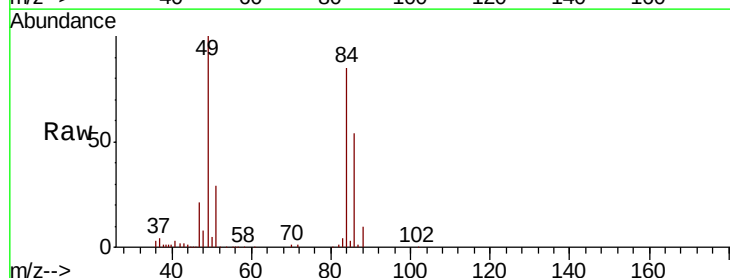
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

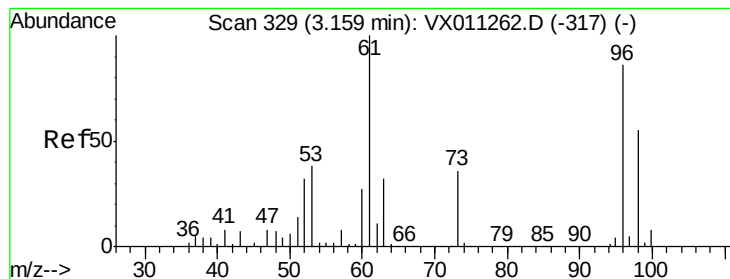
Tgt Ion: 73 Resp: 85177
Ion Ratio Lower Upper
73 100
57 21.5 16.2 24.2



#20
Methylene Chloride
Concen: 17.355 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion: 84 Resp: 29967
Ion Ratio Lower Upper
84 100
49 116.9 89.3 133.9
51 33.7 28.3 42.5
86 63.3 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 17.781 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

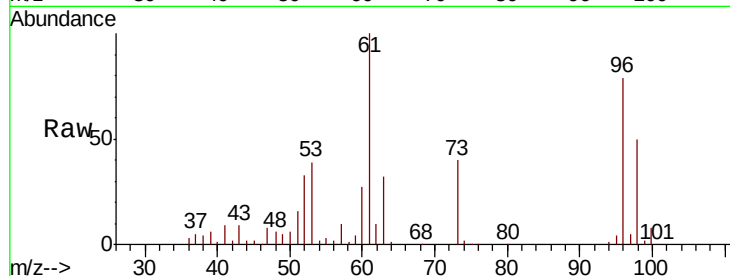
Tgt Ion: 96 Resp: 28148

Ion Ratio Lower Upper

96 100

61 126.6 92.8 139.2

98 63.4 51.2 76.8

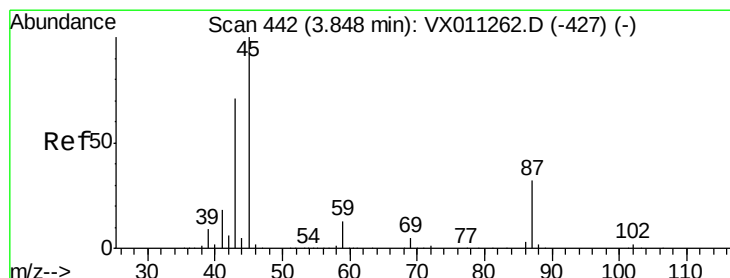
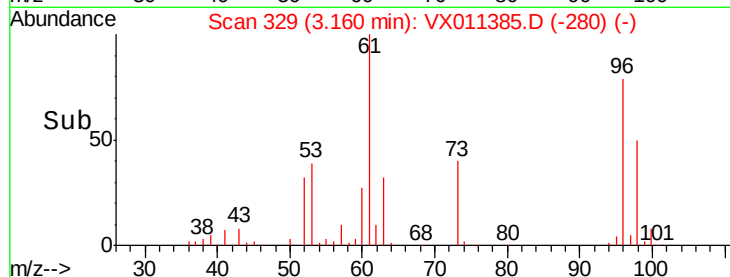
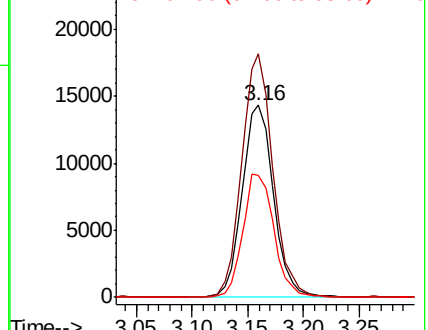


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.316 ug/l

RT: 3.85 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Tgt Ion: 45 Resp: 84698

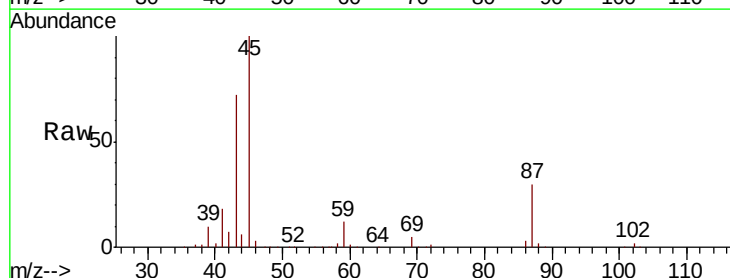
Ion Ratio Lower Upper

45 100

43 71.9 56.8 85.2

87 29.7 25.8 38.6

59 11.7 10.3 15.5



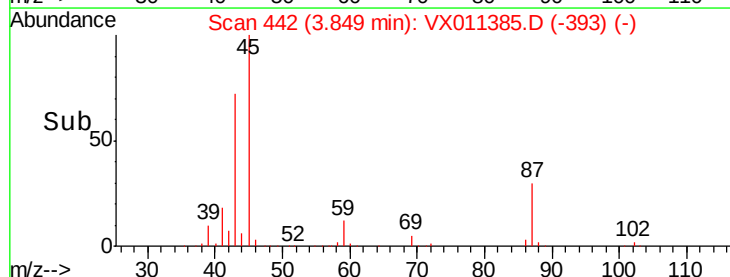
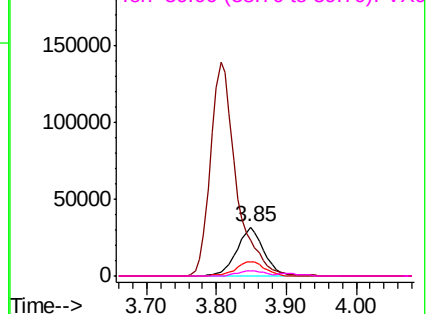
Abundance

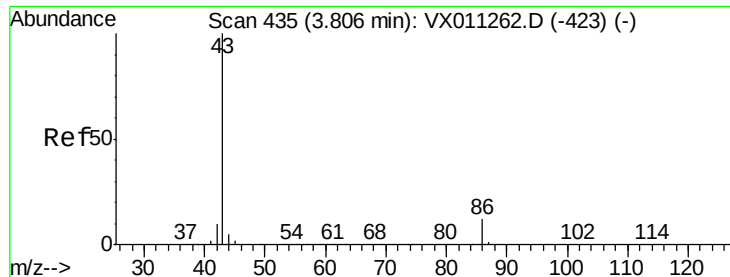
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.669 ug/l

RT: 3.81 min Scan# 435

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

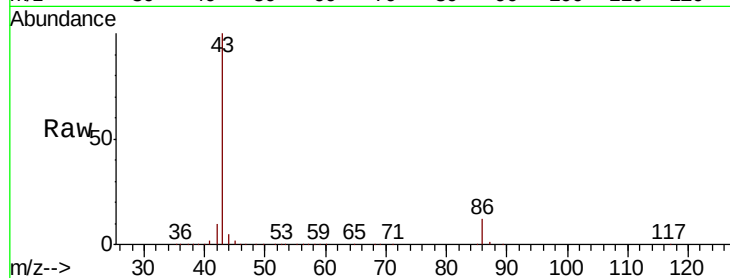
VX0808WBSD01

Tgt Ion: 43 Resp: 355199

Ion Ratio Lower Upper

43 100

86 11.6 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

150000

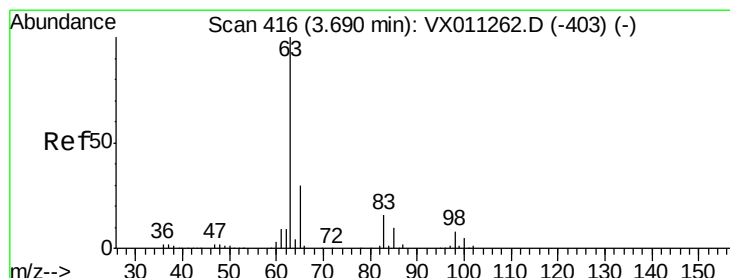
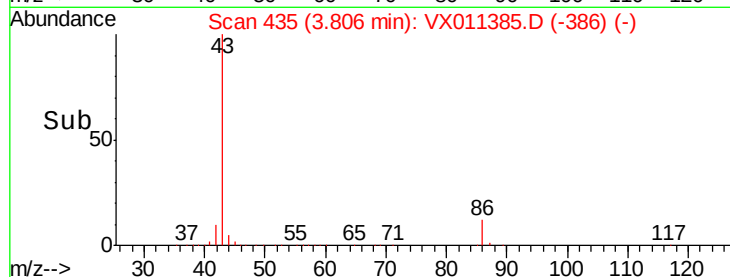
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 18.602 ug/l

RT: 3.69 min Scan# 416

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

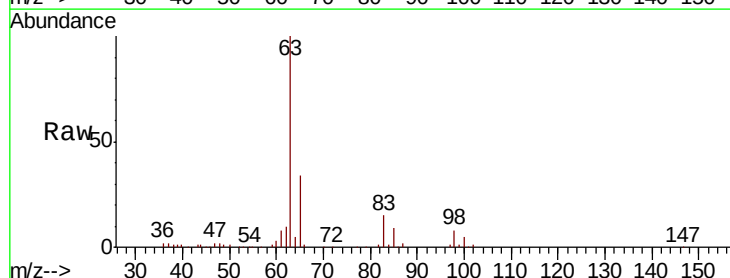
Tgt Ion: 63 Resp: 48096

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.5

100 5.0 2.7 8.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

25000

20000

15000

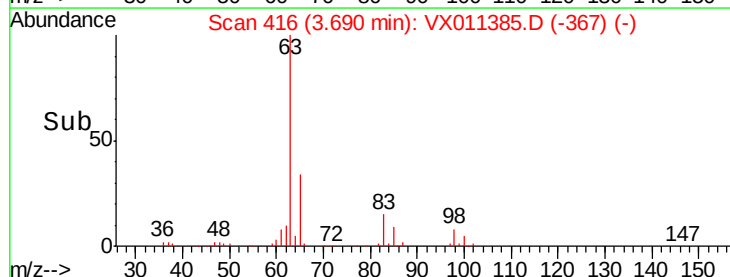
10000

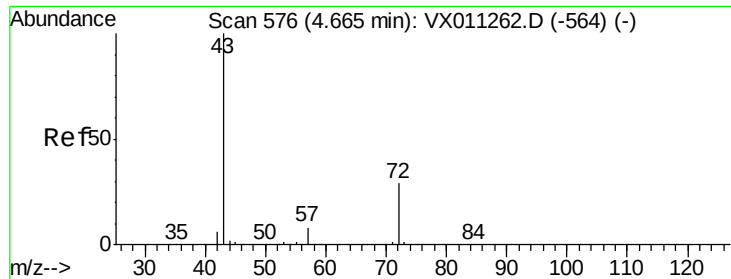
5000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 94.827 ug/l

RT: 4.66 min Scan# 575

Delta R.T. -0.01 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

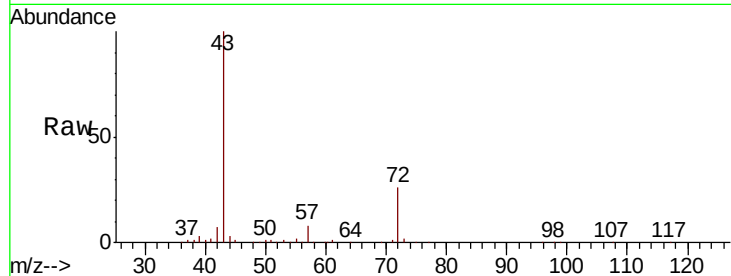
VX0808WBSD01

Tgt Ion: 43 Resp: 106351

Ion Ratio Lower Upper

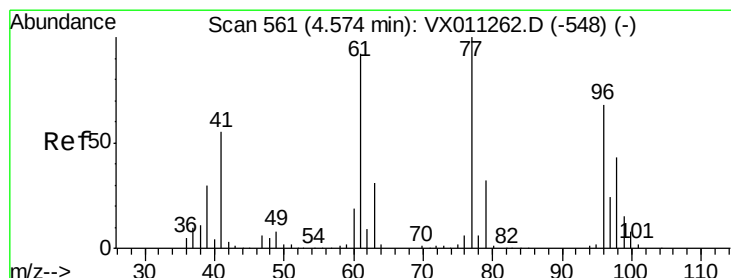
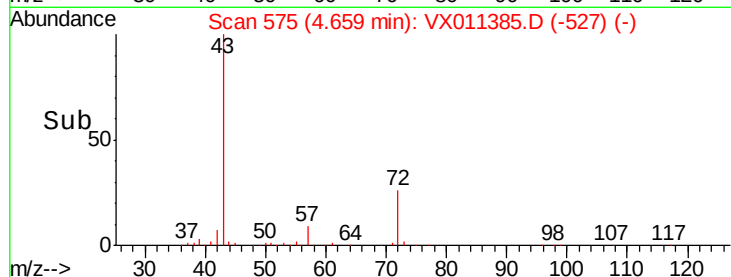
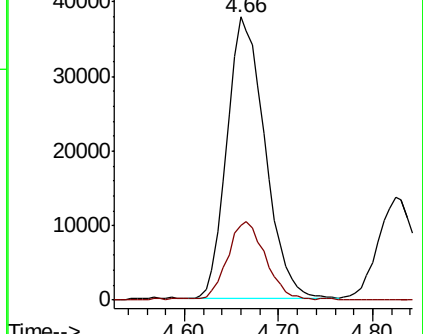
43 100

72 26.2 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.488 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011385.D

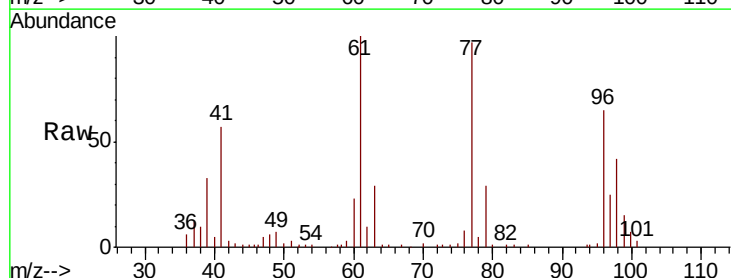
Acq: 08 Aug 2019 12:32

Tgt Ion: 77 Resp: 37159

Ion Ratio Lower Upper

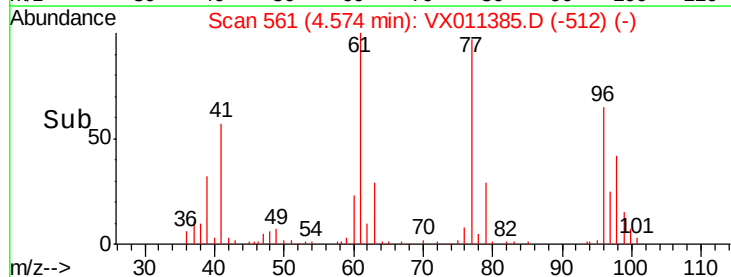
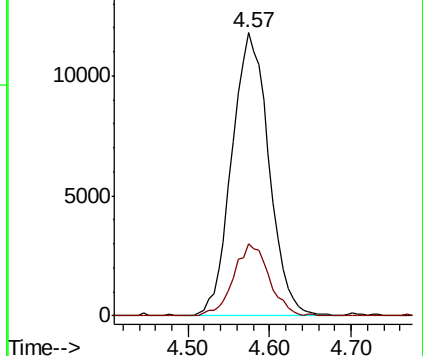
77 100

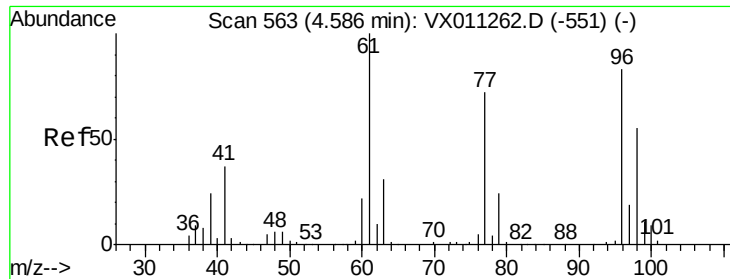
97 24.3 12.8 38.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



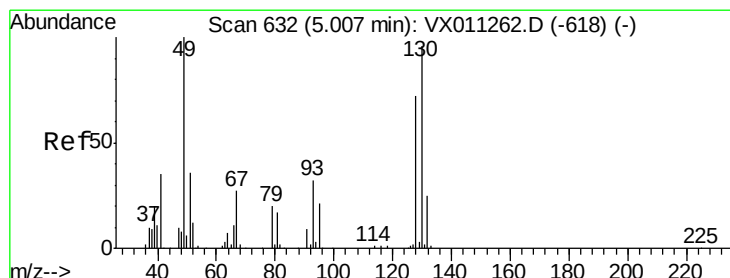
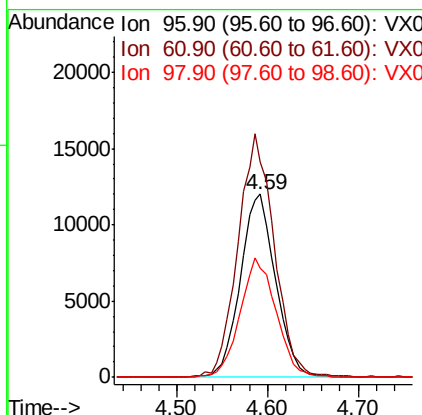
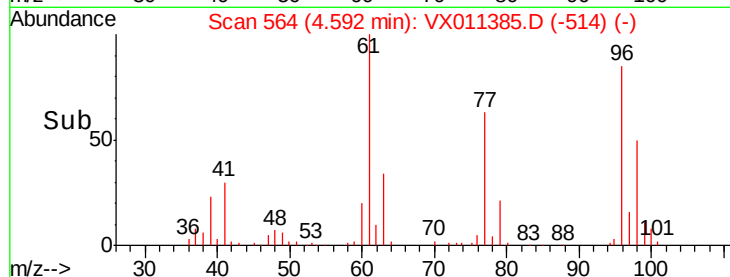
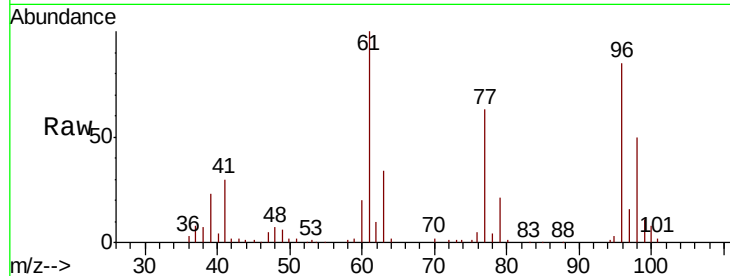


#27

cis-1,2-Dichloroethene
Concen: 17.686 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.01 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

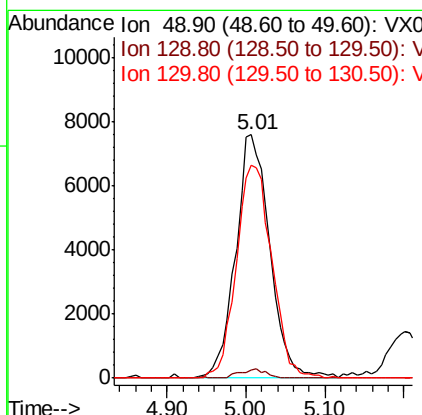
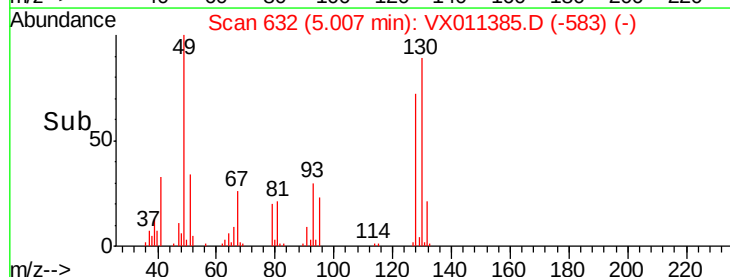
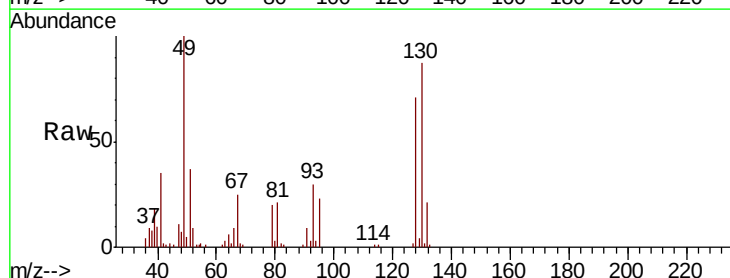
Tgt Ion: 96 Resp: 32248
Ion Ratio Lower Upper
96 100
61 137.2 0.0 260.2
98 66.6 0.0 133.2

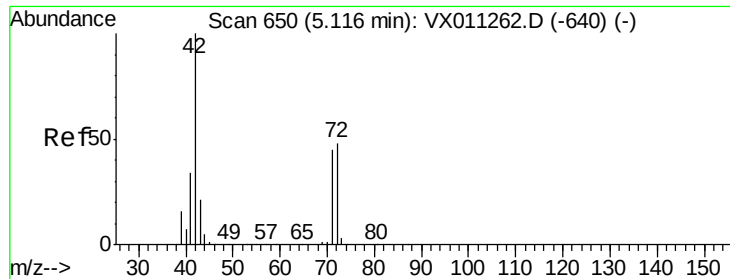


#28

Bromochloromethane
Concen: 19.520 ug/l
RT: 5.01 min Scan# 632
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion: 49 Resp: 23008
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.8
130 90.2 77.9 116.9





#29

Tetrahydrofuran

Concen: 93.867 ug/l

RT: 5.12 min Scan# 651

Delta R.T. 0.01 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

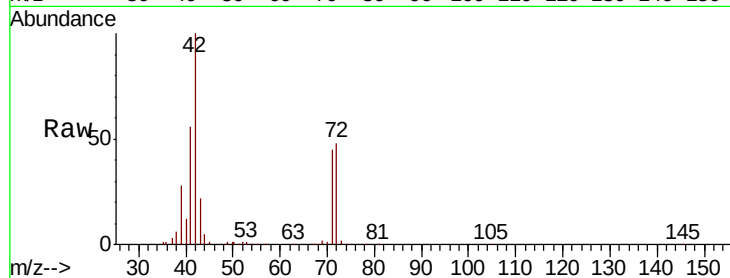
Tgt Ion: 42 Resp: 64549

Ion Ratio Lower Upper

42 100

72 48.7 39.9 59.9

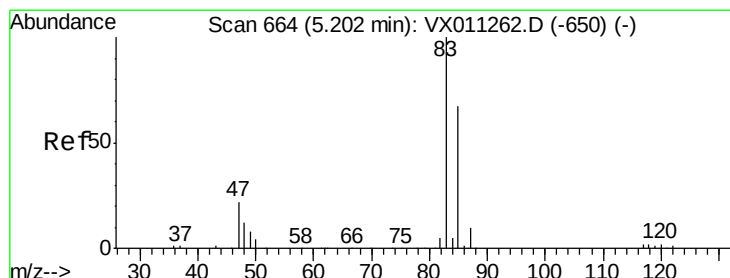
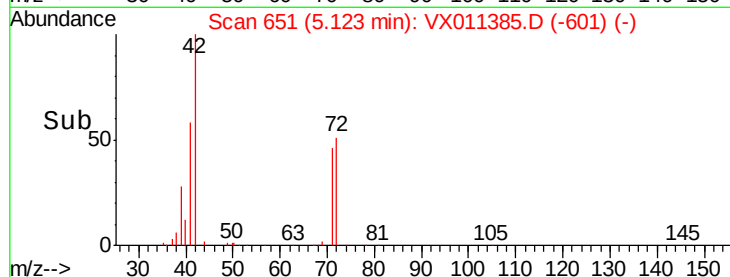
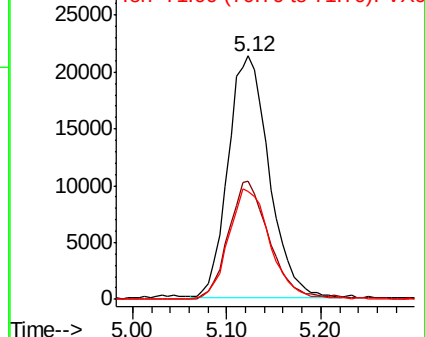
71 46.5 36.9 55.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 18.911 ug/l

RT: 5.20 min Scan# 664

Delta R.T. 0.00 min

Lab File: VX011385.D

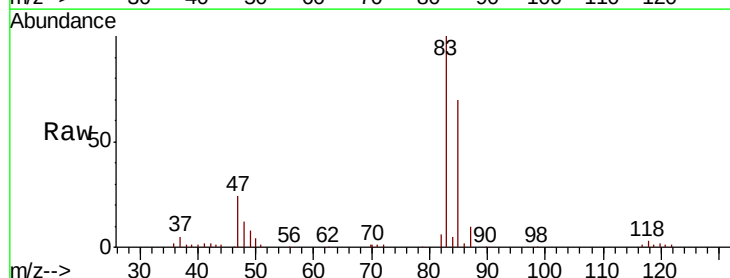
Acq: 08 Aug 2019 12:32

Tgt Ion: 83 Resp: 53141

Ion Ratio Lower Upper

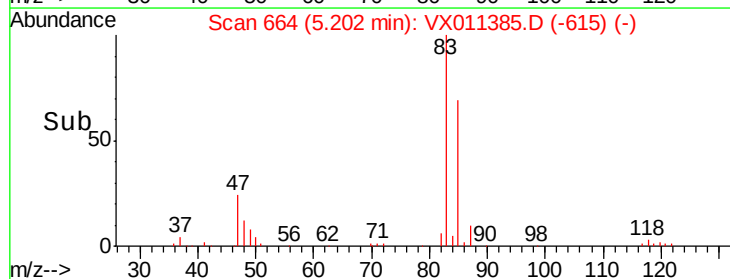
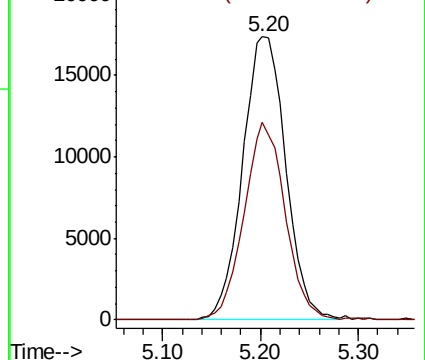
83 100

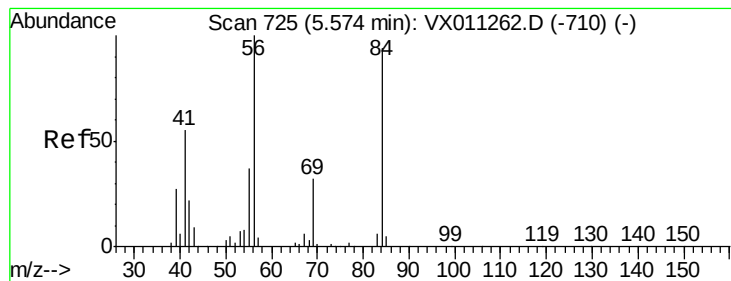
85 70.0 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 17.456 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

VX0808WBSD01

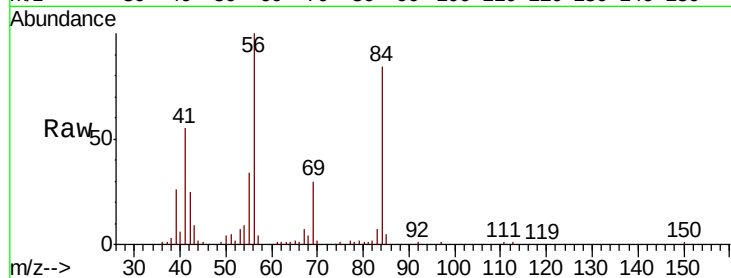
Tgt Ion: 56 Resp: 37236

Ion Ratio Lower Upper

56 100

69 29.6 25.5 38.3

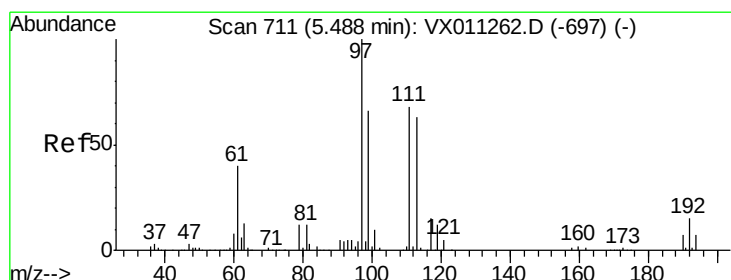
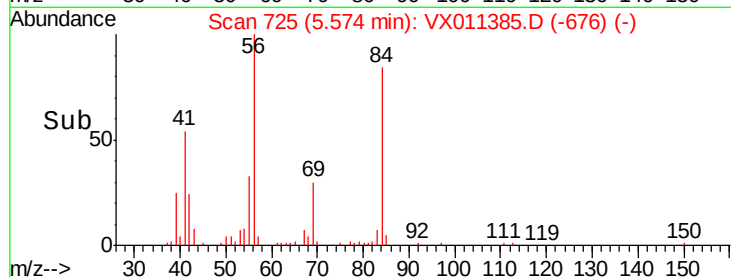
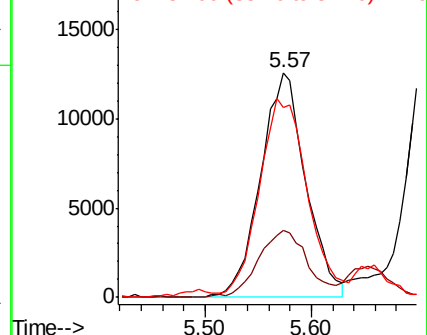
84 81.6 75.0 112.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.791 ug/l

RT: 5.49 min Scan# 711

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

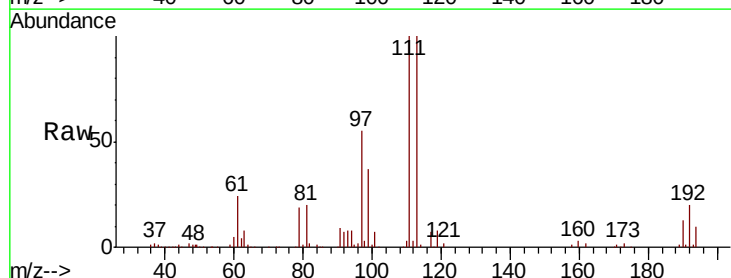
Tgt Ion: 97 Resp: 45236

Ion Ratio Lower Upper

97 100

99 65.5 51.6 77.4

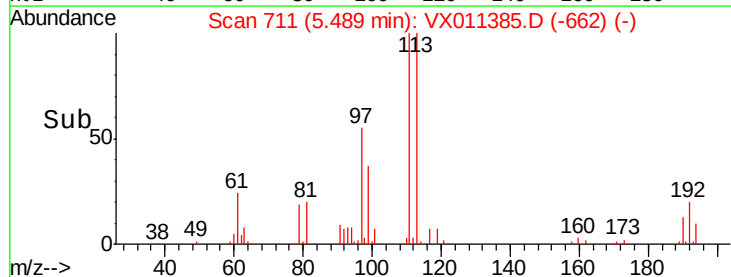
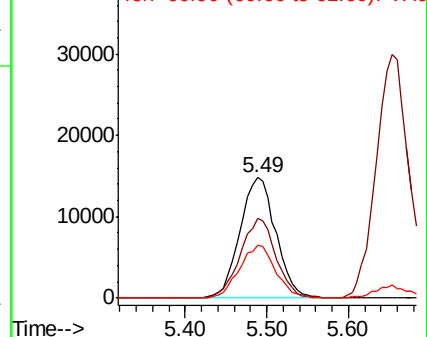
61 44.1 32.3 48.5

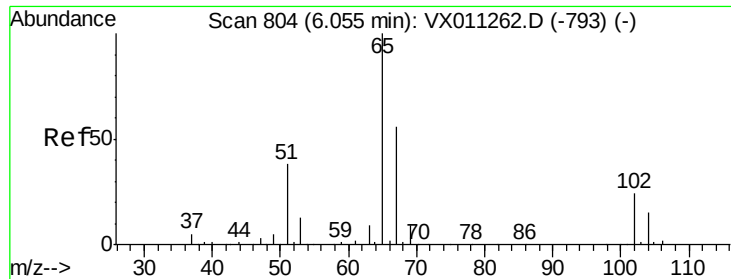


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

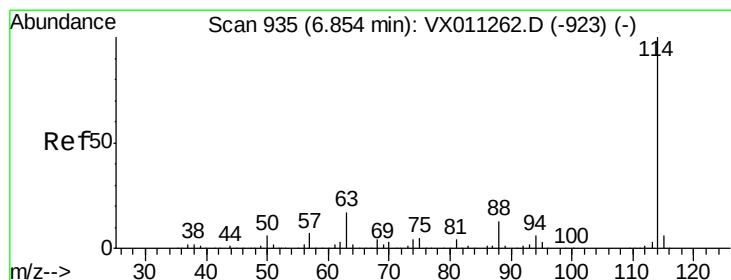
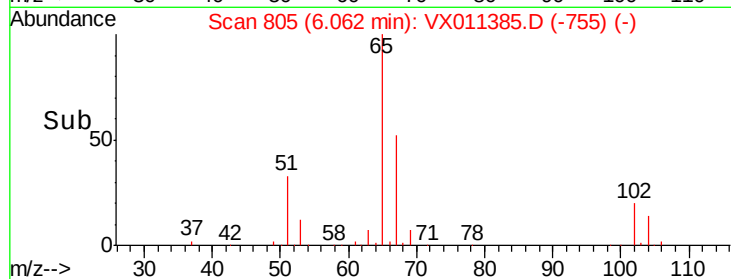
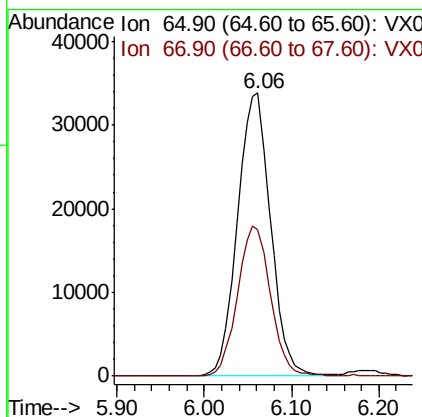
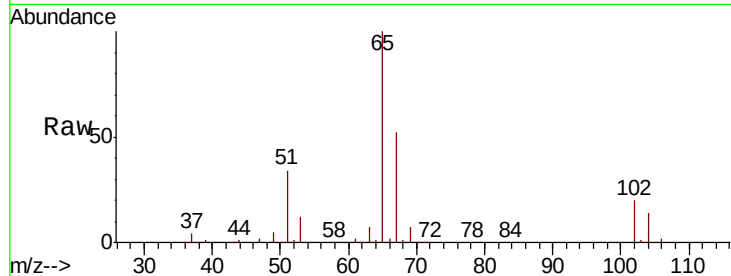




#33
 1,2-Dichloroethane-d4
 Concen: 53.711 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

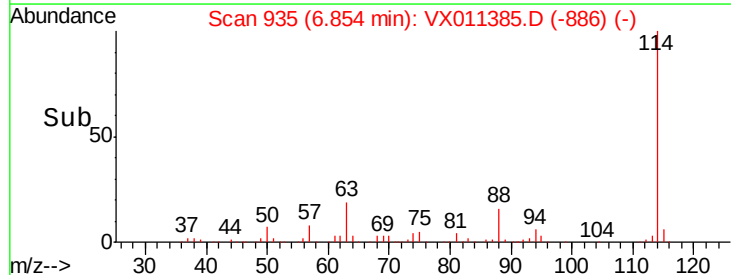
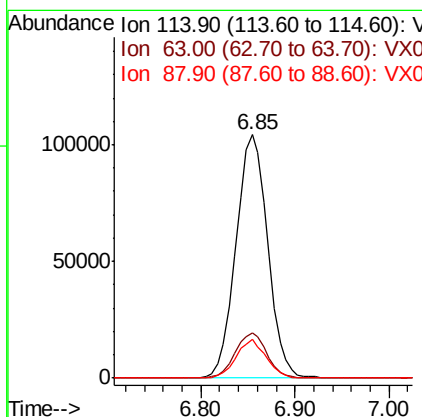
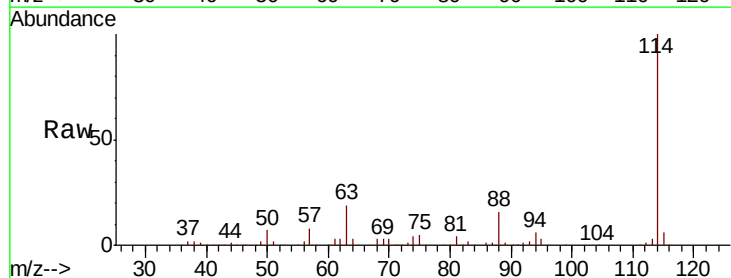
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

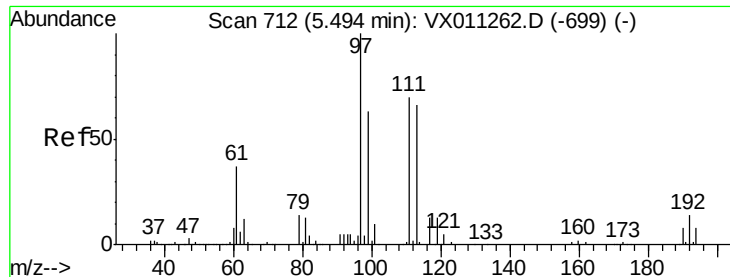
Tgt Ion: 65 Resp: 88967
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Tgt Ion: 114 Resp: 245536
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.0
 88 15.8 0.0 26.4





#35

Dibromofluoromethane

Concen: 48.324 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

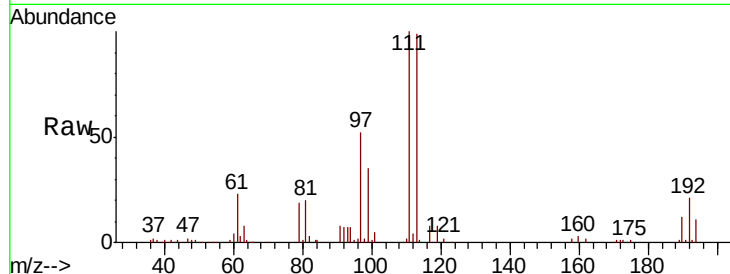
Tgt Ion:113 Resp: 77465

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

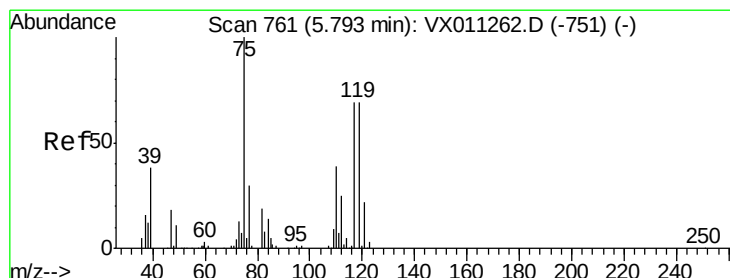
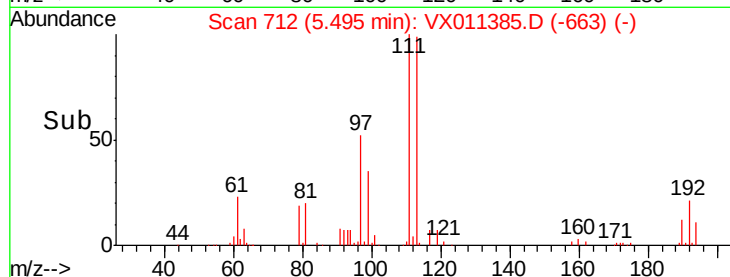
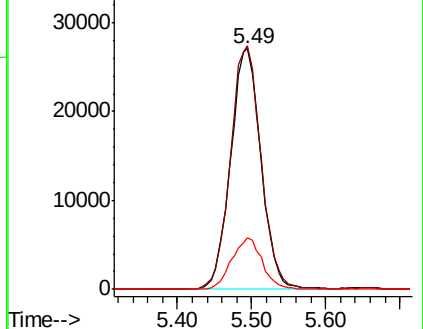
192 21.4 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.161 ug/l

RT: 5.79 min Scan# 761

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

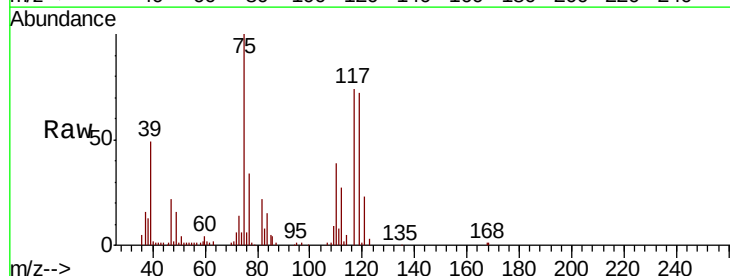
Tgt Ion: 75 Resp: 36790

Ion Ratio Lower Upper

75 100

110 38.4 20.0 59.9

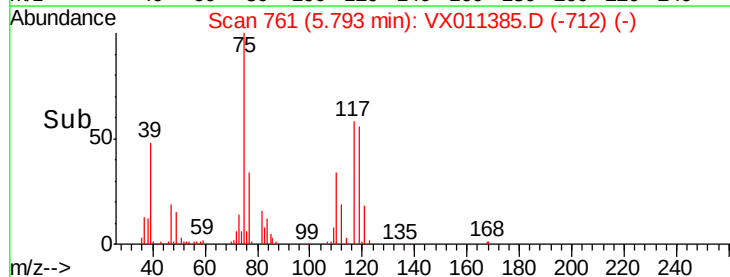
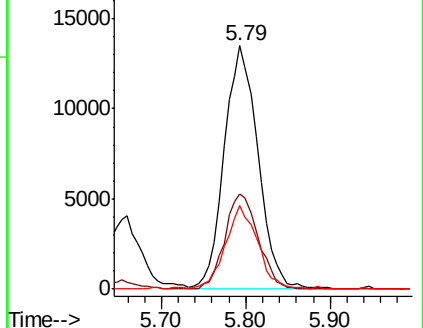
77 32.6 24.8 37.2

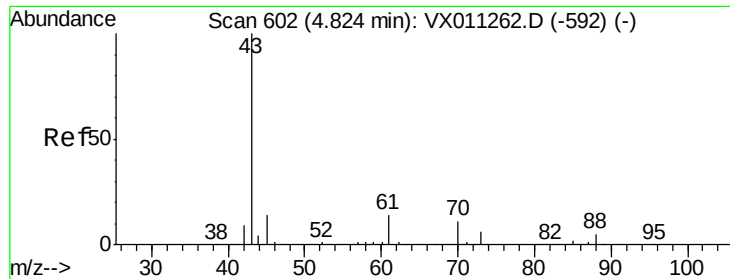


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 18.184 ug/l

RT: 4.82 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

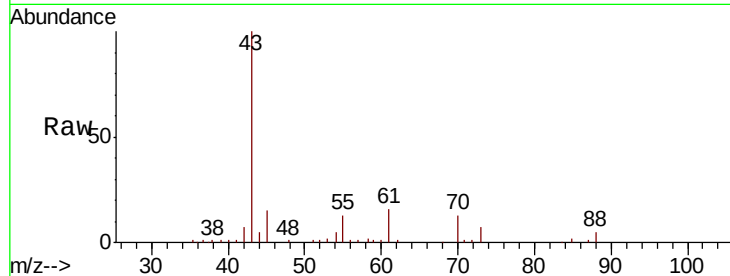
Tgt Ion: 43 Resp: 39102

Ion Ratio Lower Upper

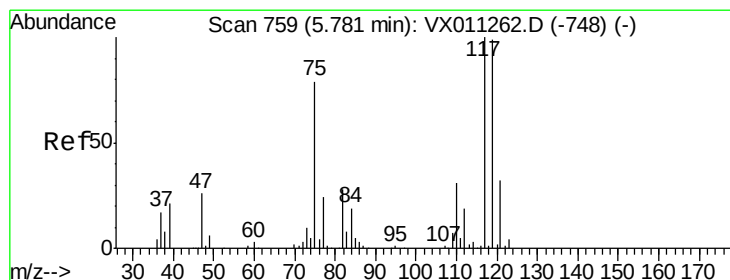
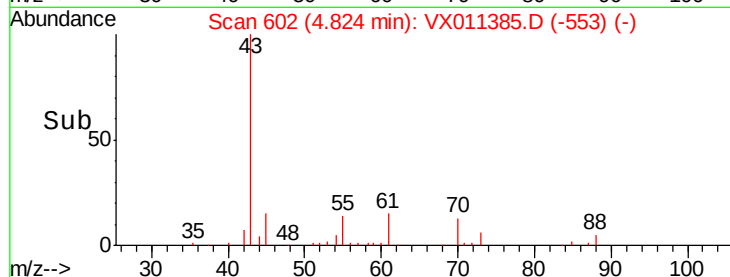
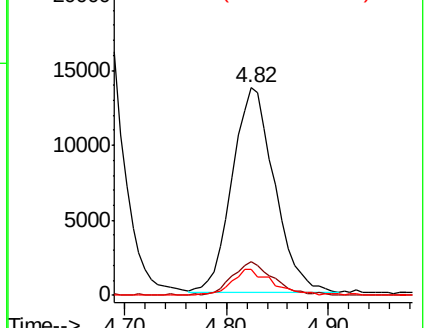
43 100

61 16.0 12.6 18.8

70 12.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.084 ug/l

RT: 5.78 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

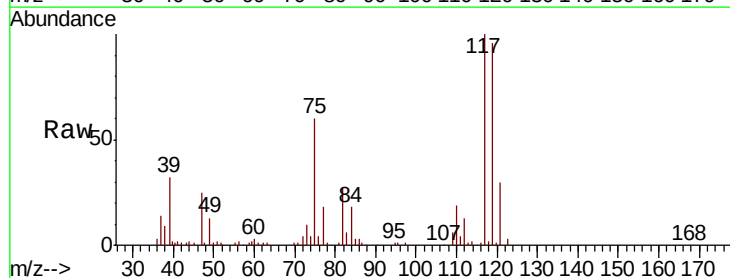
Tgt Ion: 117 Resp: 39003

Ion Ratio Lower Upper

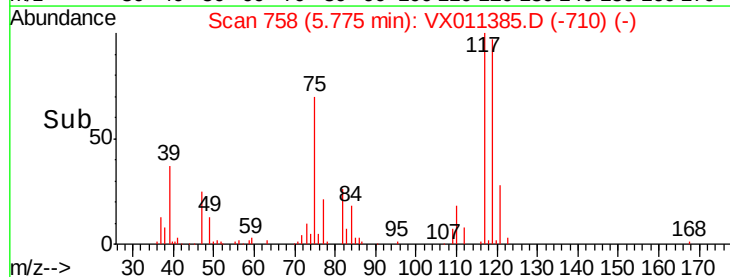
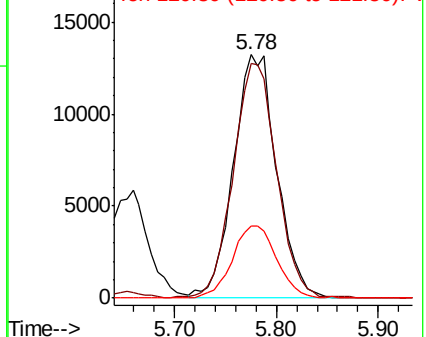
117 100

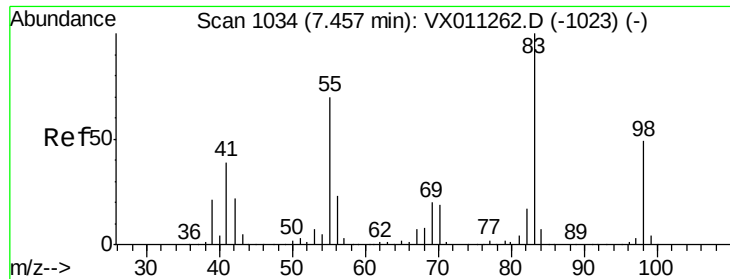
119 95.7 79.0 118.4

121 29.5 25.9 38.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

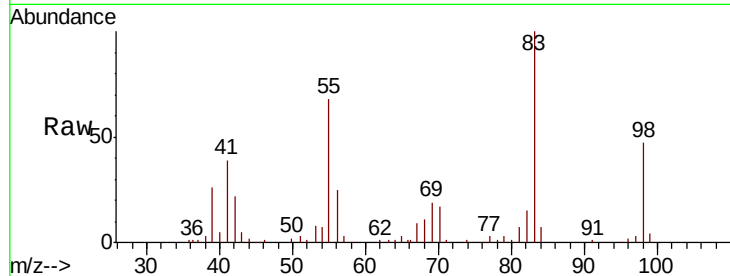




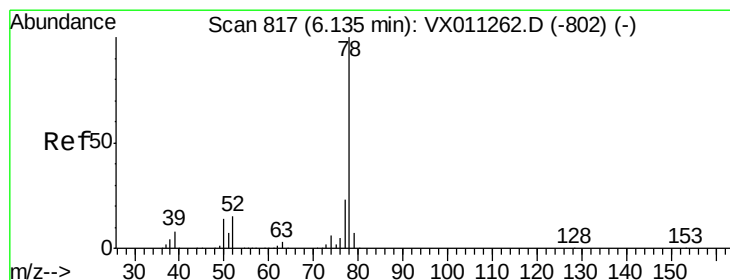
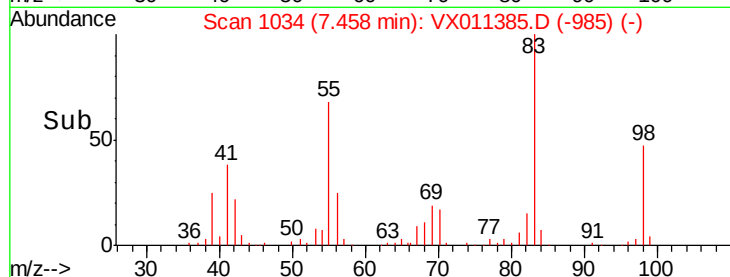
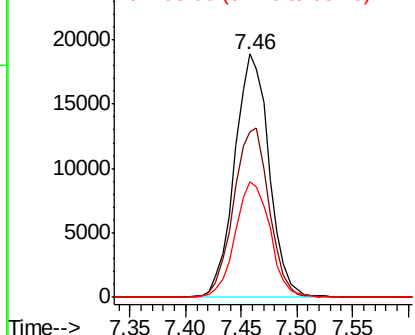
#39
Methylcyclohexane
Concen: 15.958 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

Tgt Ion: 83 Resp: 40550
Ion Ratio Lower Upper
83 100
55 68.1 56.1 84.1
98 47.3 39.0 58.4

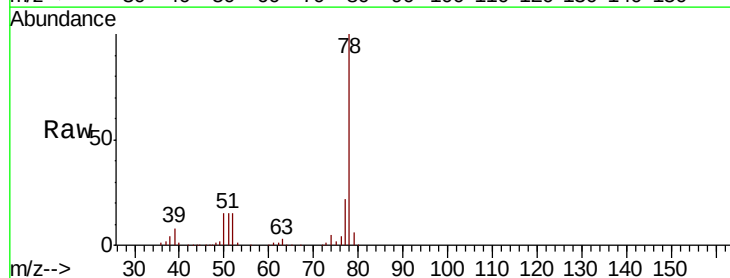


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

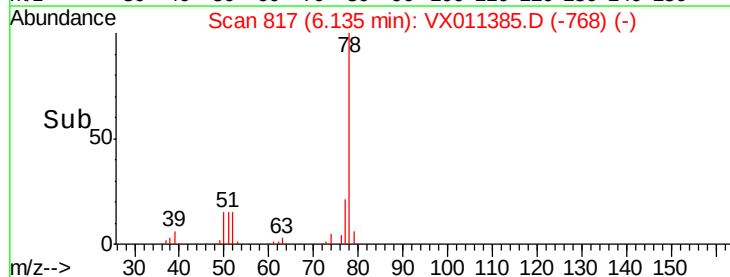
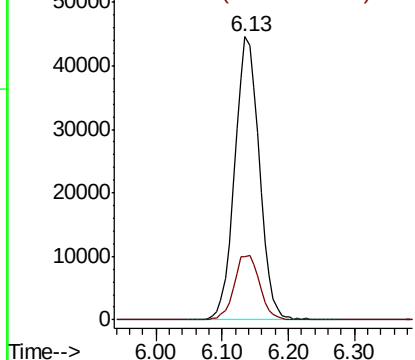


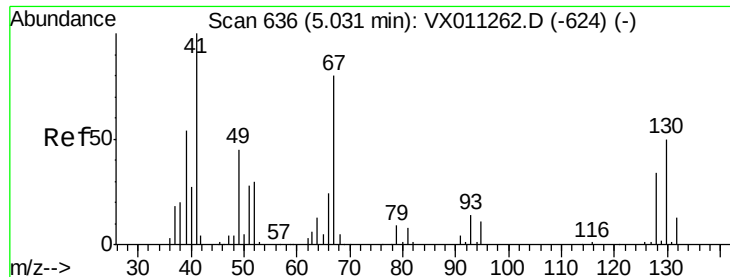
#40
Benzene
Concen: 17.962 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion: 78 Resp: 114903
Ion Ratio Lower Upper
78 100
77 22.4 18.2 27.2



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

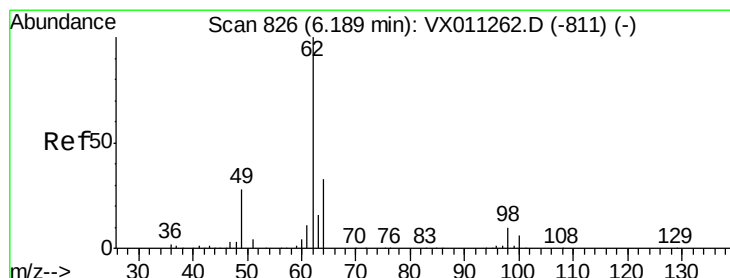
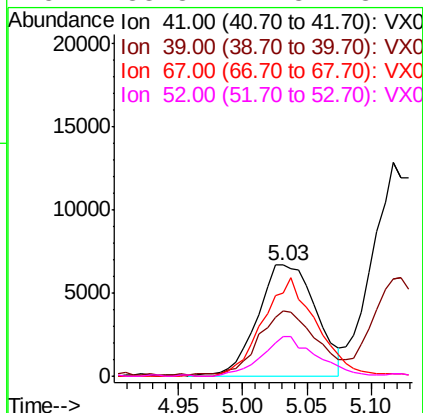
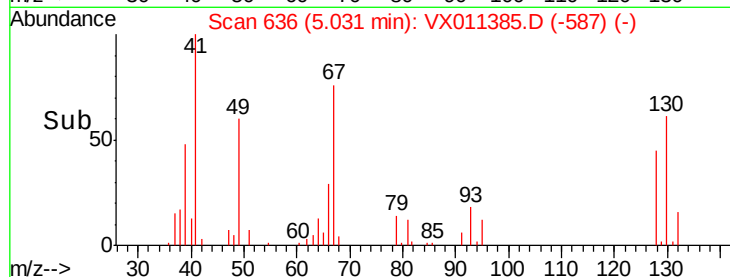
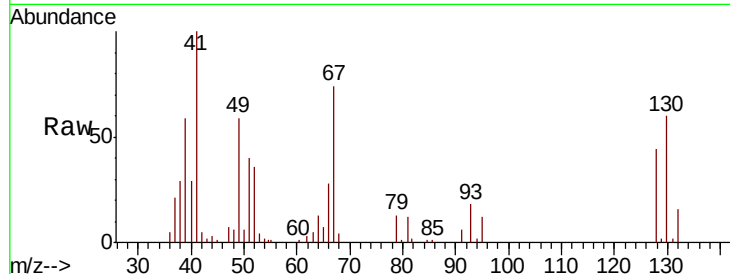




#41
Methacrylonitrile
Concen: 18.004 ug/l
RT: 5.03 min Scan# 636
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

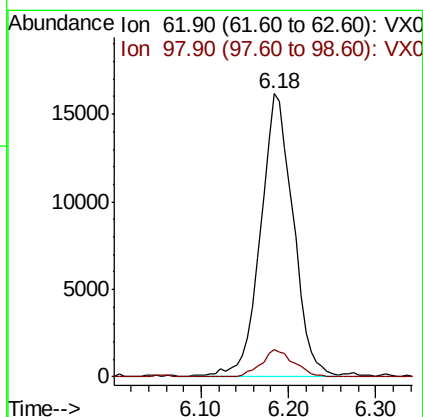
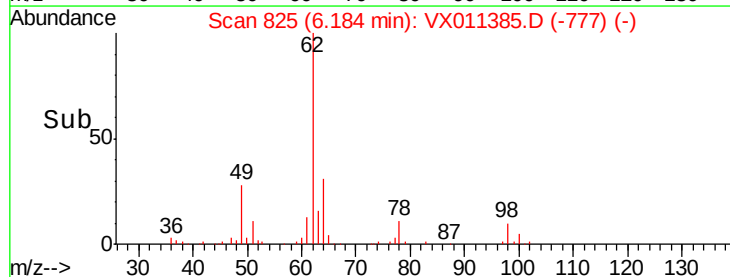
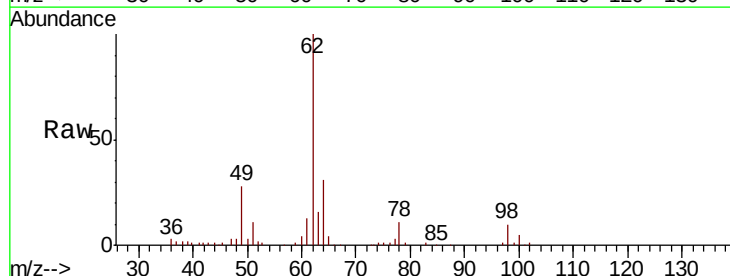
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

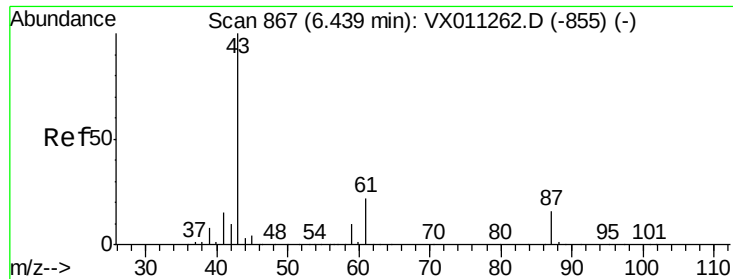
Tgt Ion:	41	Resp:	21143
Ion	Ratio	Lower	Upper
41	100		
39	55.3	43.0	64.6
67	81.3	65.1	97.7
52	33.8	24.8	37.2



#42
1,2-Dichloroethane
Concen: 19.457 ug/l
RT: 6.18 min Scan# 825
Delta R.T. -0.01 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion:	62	Resp:	42089
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 18.282 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

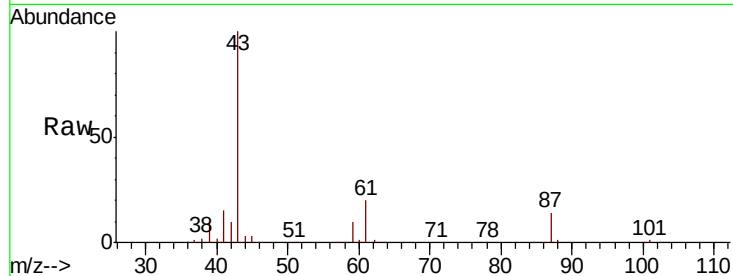
Tgt Ion: 43 Resp: 62851

Ion Ratio Lower Upper

43 100

61 20.5 16.5 24.7

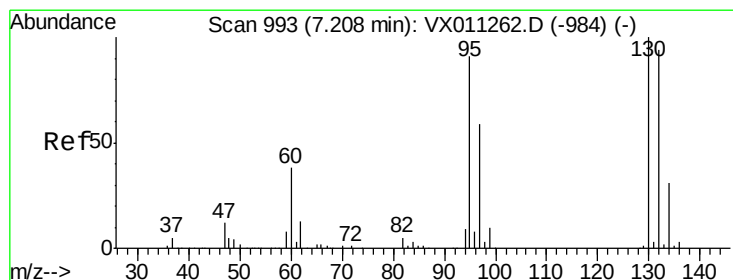
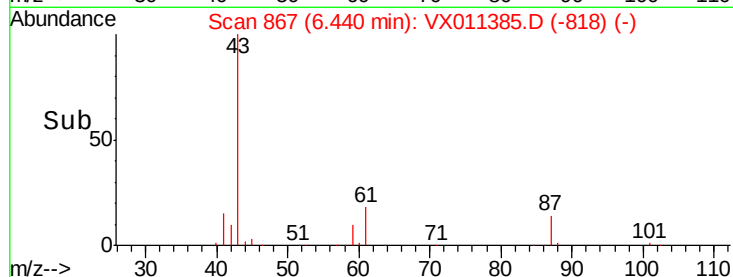
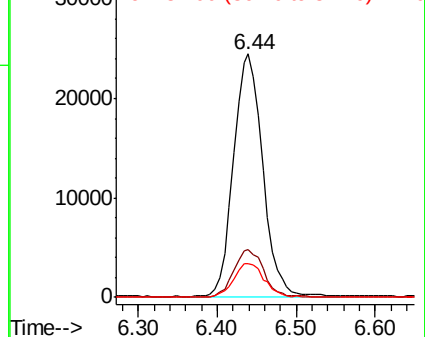
87 14.6 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.349 ug/l

RT: 7.21 min Scan# 993

Delta R.T. 0.00 min

Lab File: VX011385.D

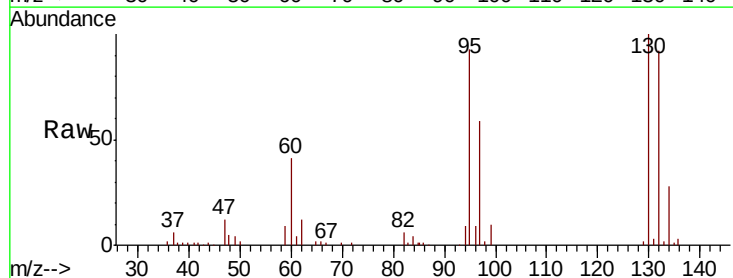
Acq: 08 Aug 2019 12:32

Tgt Ion: 130 Resp: 33593

Ion Ratio Lower Upper

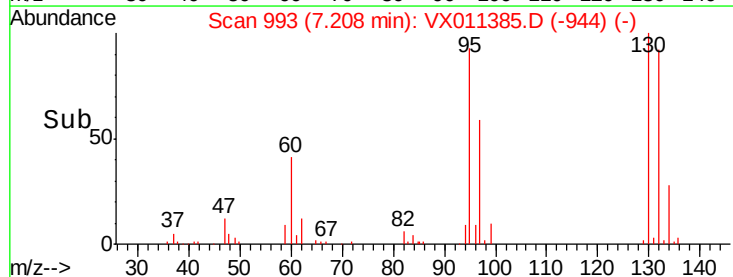
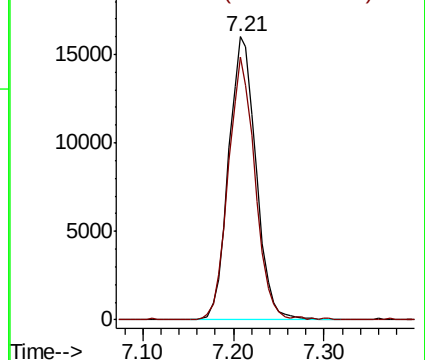
130 100

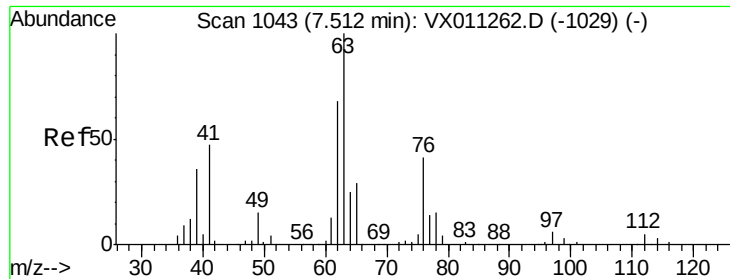
95 92.9 0.0 182.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

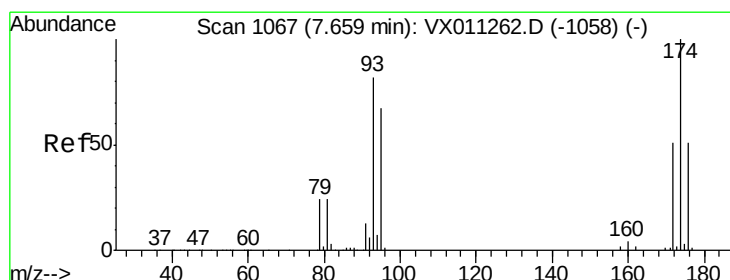
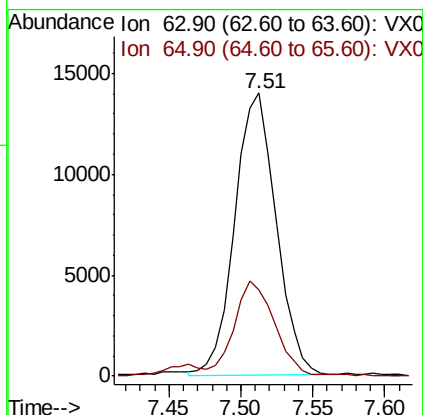
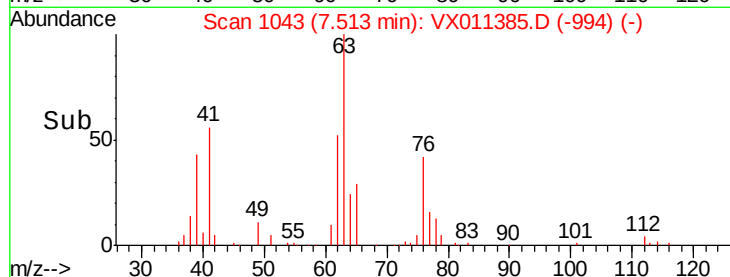
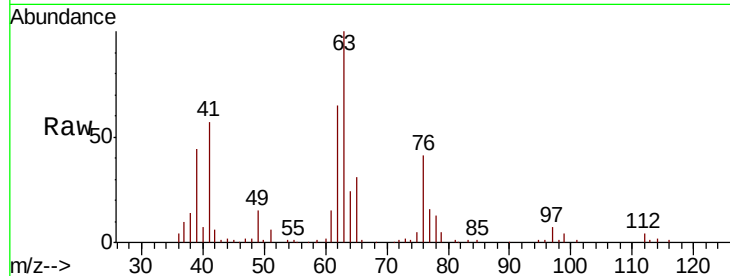




#45
 1,2-Dichloropropane
 Concen: 16.867 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

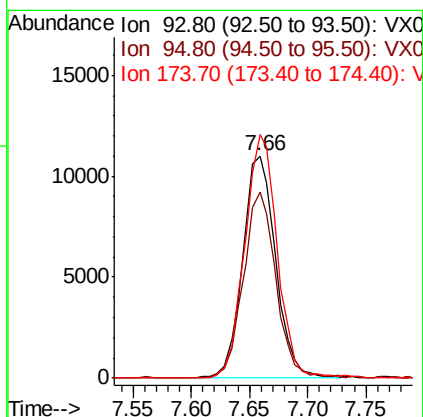
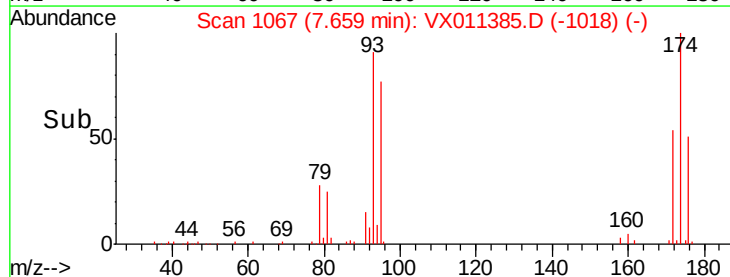
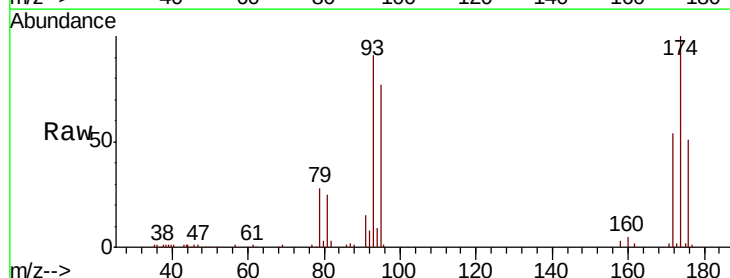
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

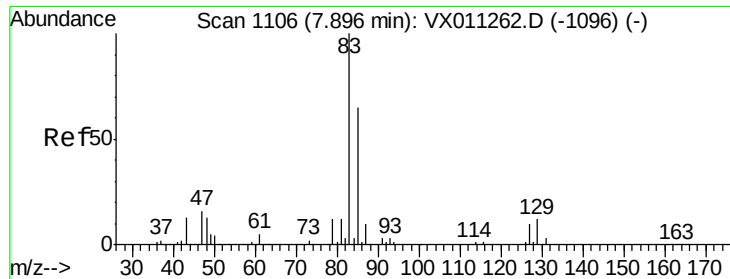
Tgt Ion: 63 Resp: 27944
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.3 34.9



#46
 Dibromomethane
 Concen: 18.014 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Tgt Ion: 93 Resp: 21787
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.4 99.6
 174 108.4 93.4 140.2





#47

Bromodichloromethane

Concen: 18.489 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

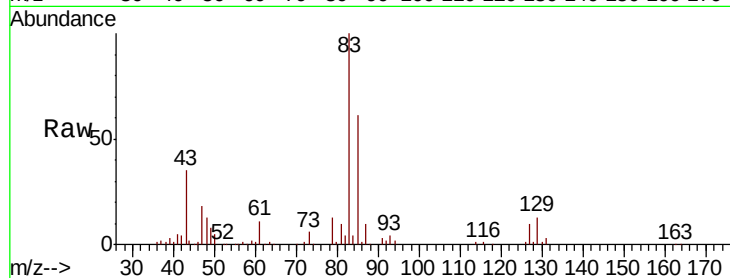
Tgt Ion: 83 Resp: 37859

Ion Ratio Lower Upper

83 100

85 61.2 52.2 78.2

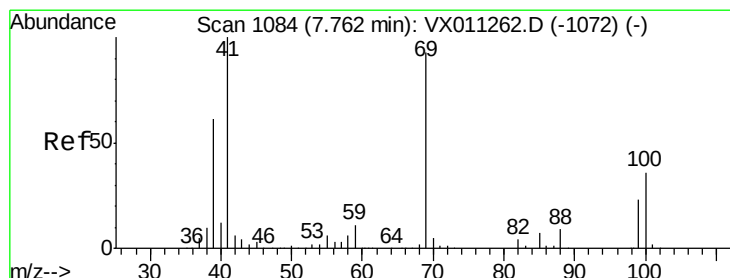
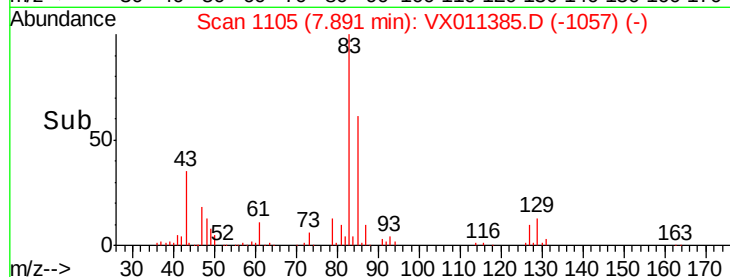
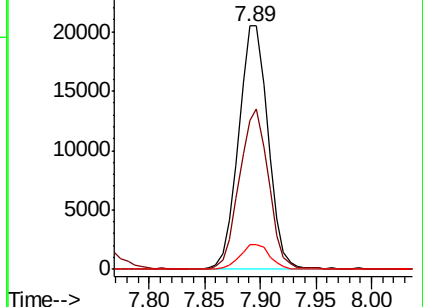
127 9.9 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.790 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

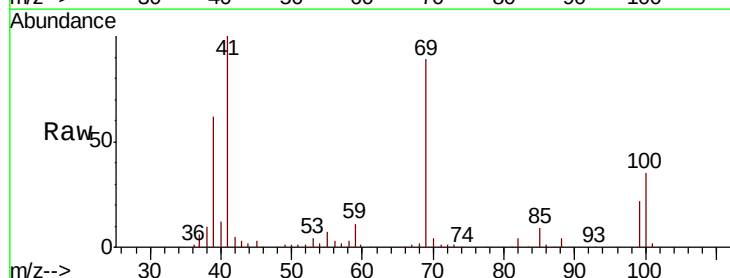
Tgt Ion: 41 Resp: 30401

Ion Ratio Lower Upper

41 100

69 89.0 74.5 111.7

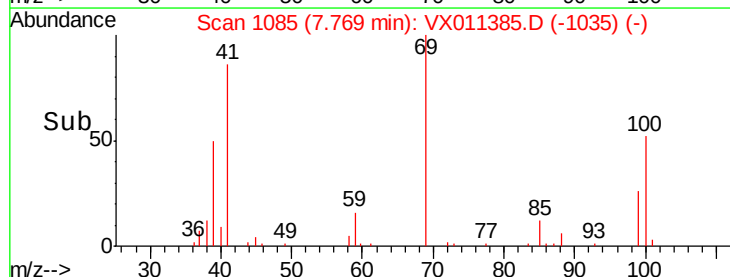
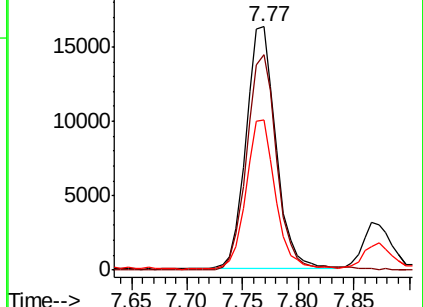
39 61.0 48.6 72.8

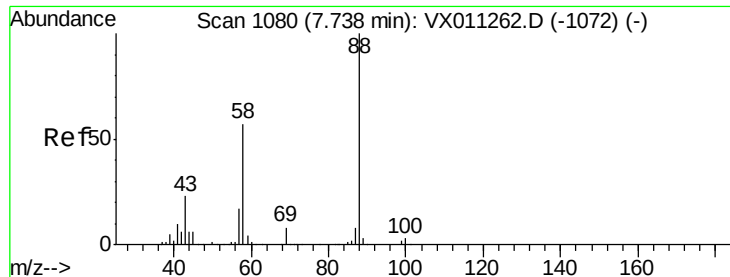


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

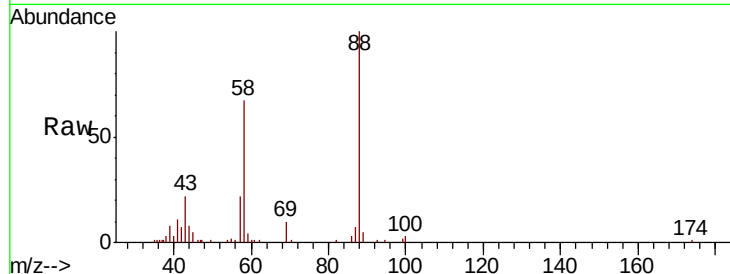




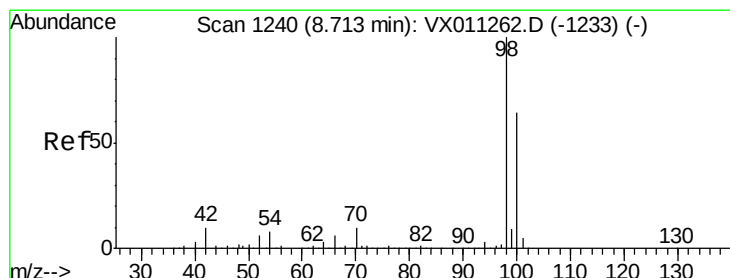
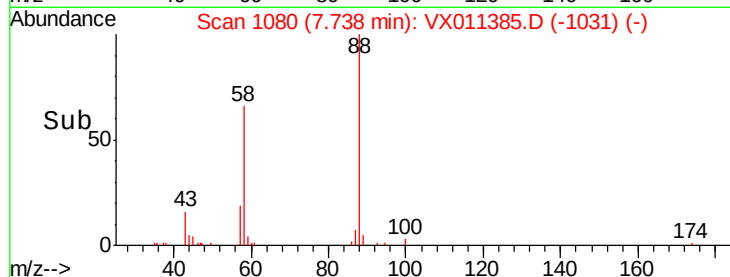
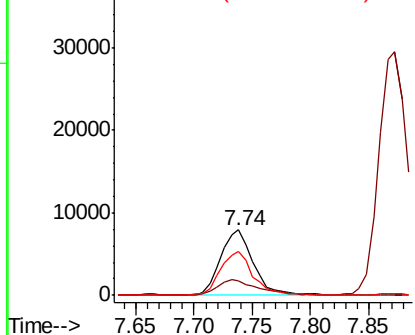
#49
1,4-Dioxane
Concen: 328.919 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

Tgt Ion: 88 Resp: 15428
Ion Ratio Lower Upper
88 100
43 31.5 22.2 33.2
58 67.6 47.8 71.8

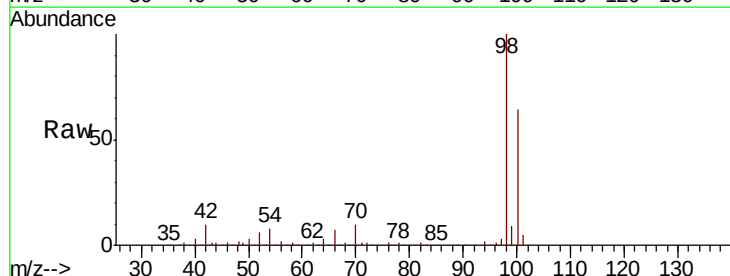


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

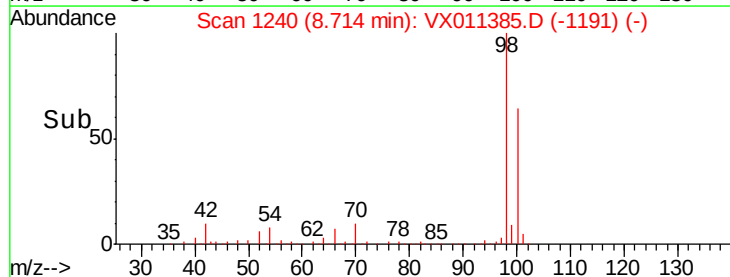
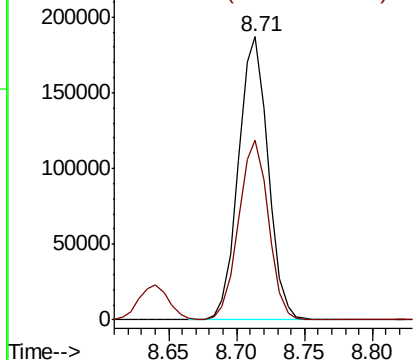


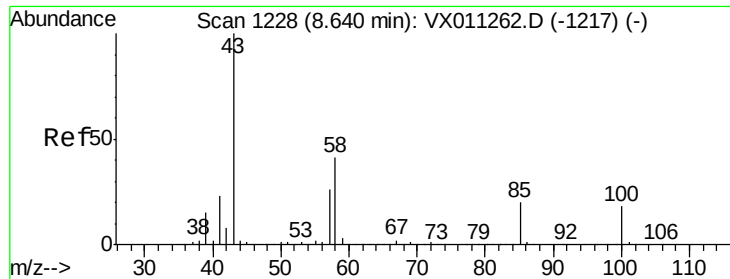
#50
Toluene-d8
Concen: 47.008 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion: 98 Resp: 284449
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 95.624 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

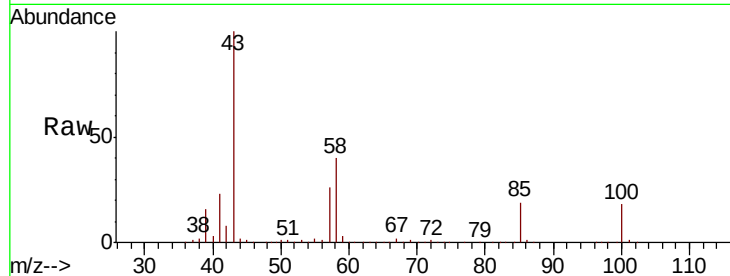
VX0808WBSD01

Tgt Ion: 43 Resp: 212161

Ion Ratio Lower Upper

43 100

58 40.0 32.3 48.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

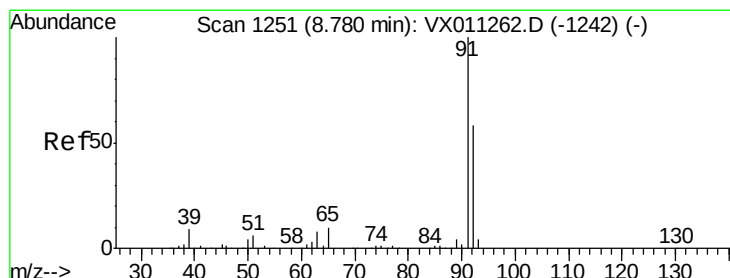
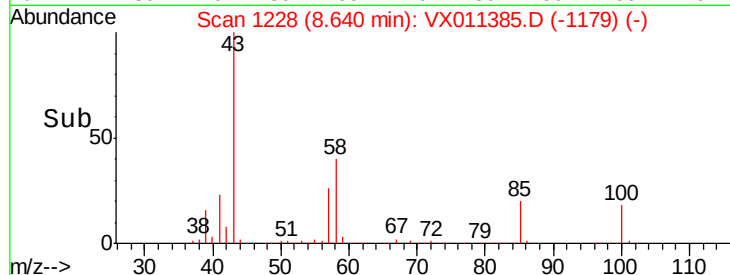
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.676 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VX011385.D

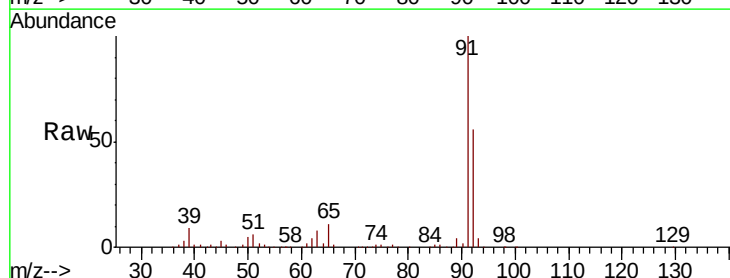
Acq: 08 Aug 2019 12:32

Tgt Ion: 92 Resp: 74761

Ion Ratio Lower Upper

92 100

91 175.4 139.4 209.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

100000

80000

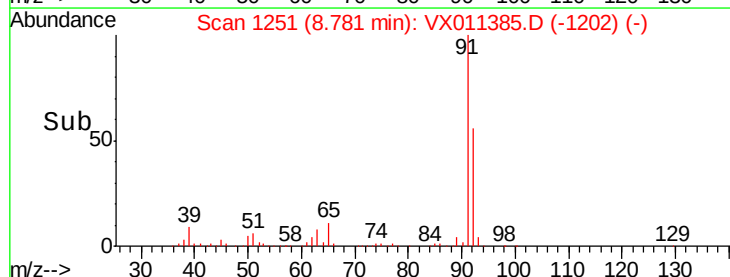
60000

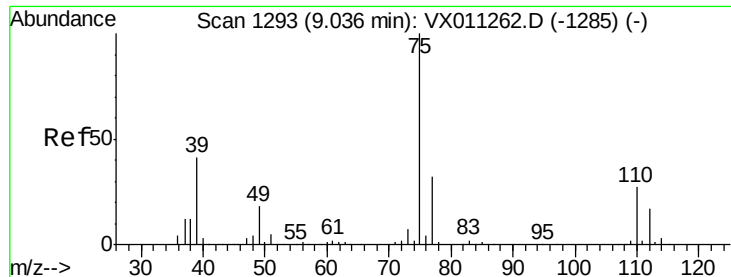
40000

20000

0

Time-->

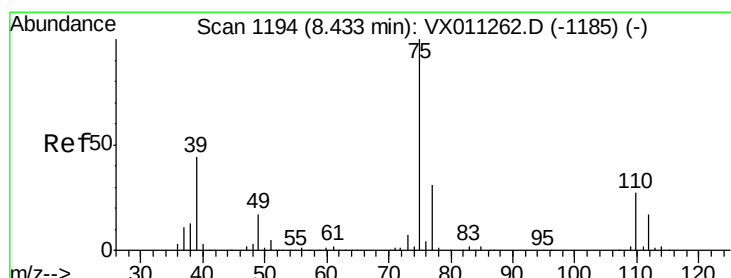
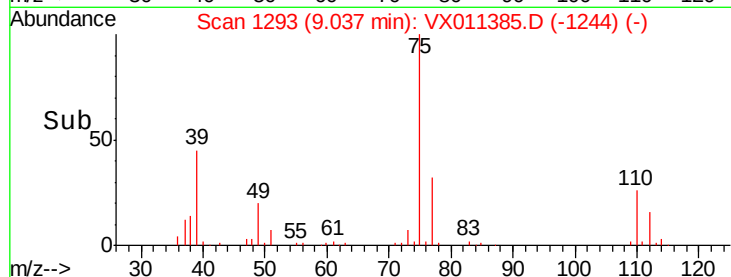
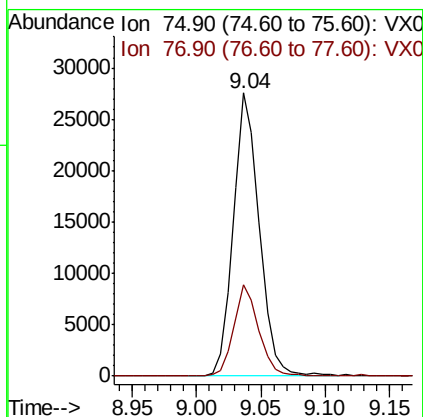
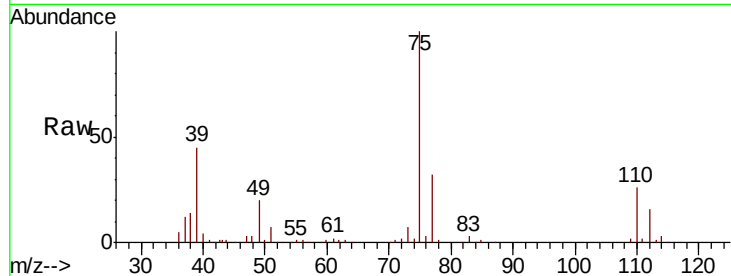




#53
 t-1,3-Dichloropropene
 Concen: 18.160 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

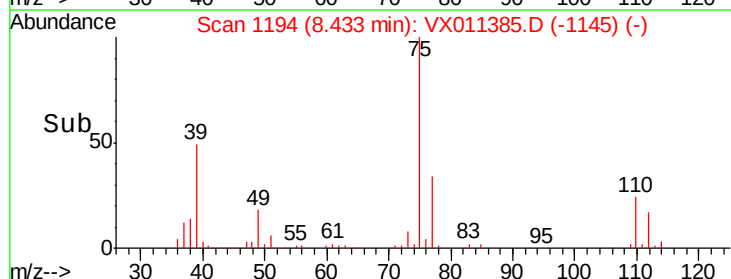
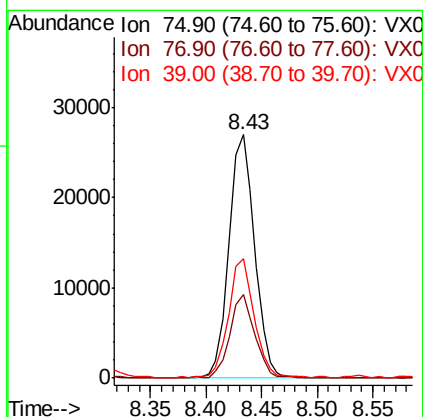
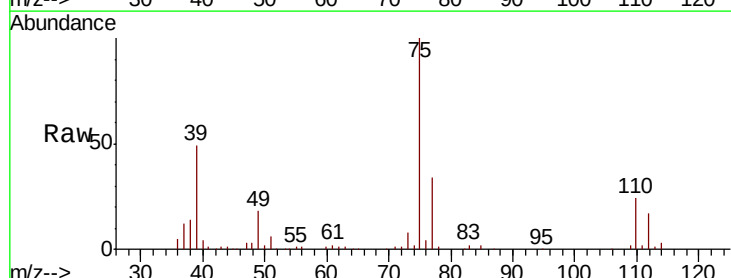
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

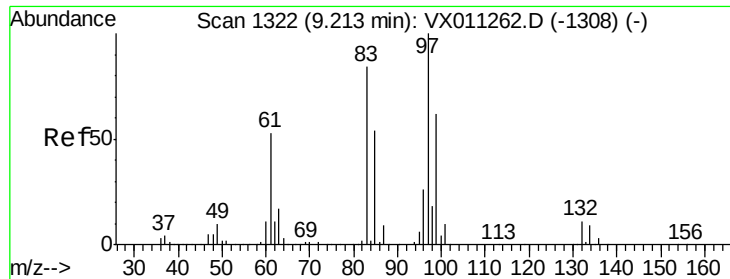
Tgt Ion: 75 Resp: 38736
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 18.109 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Tgt Ion: 75 Resp: 43316
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.0 37.6
 39 48.7 35.3 52.9





#55

1,1,2-Trichloroethane

Concen: 18.699 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

Tgt Ion: 97 Resp: 32518

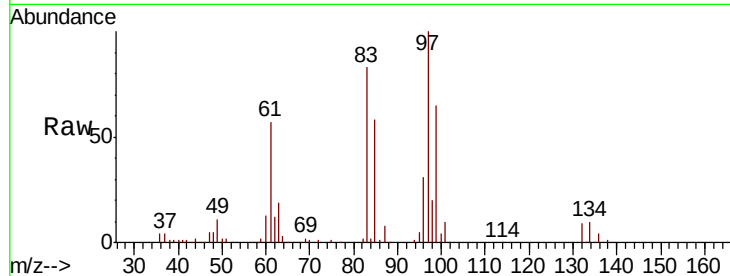
Ion Ratio Lower Upper

97 100

83 83.2 67.6 101.4

85 58.1 43.4 65.0

99 64.8 49.6 74.4

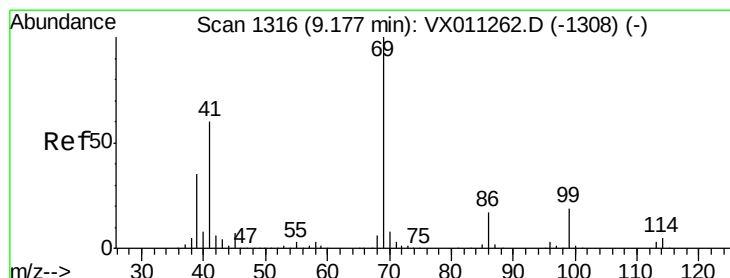
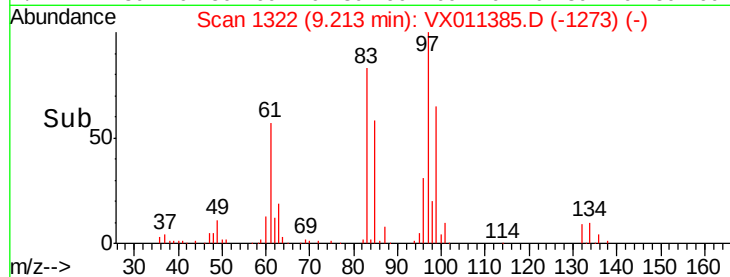
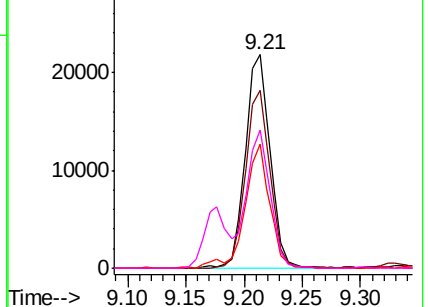


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.341 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

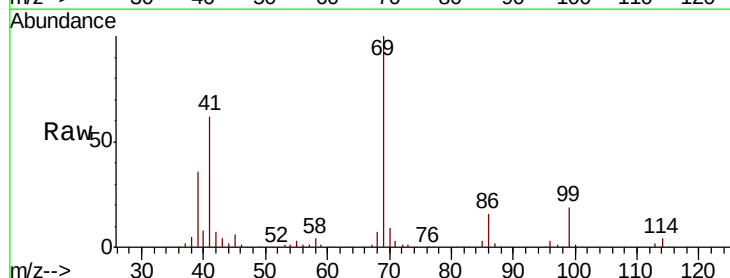
Tgt Ion: 69 Resp: 45454

Ion Ratio Lower Upper

69 100

41 66.3 48.6 73.0

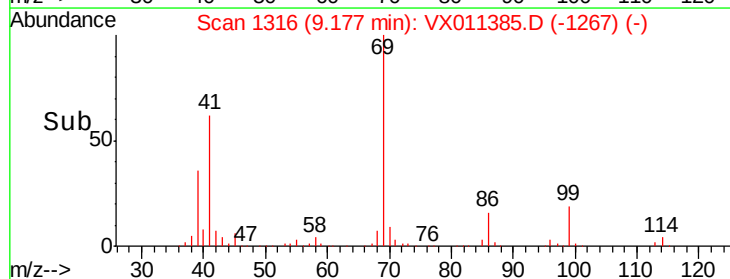
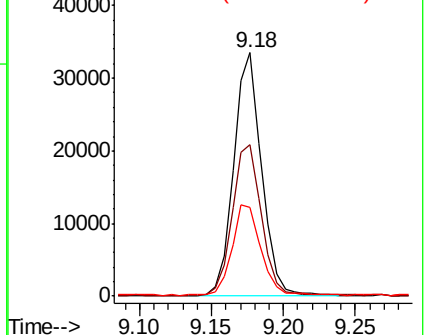
39 39.3 29.4 44.2

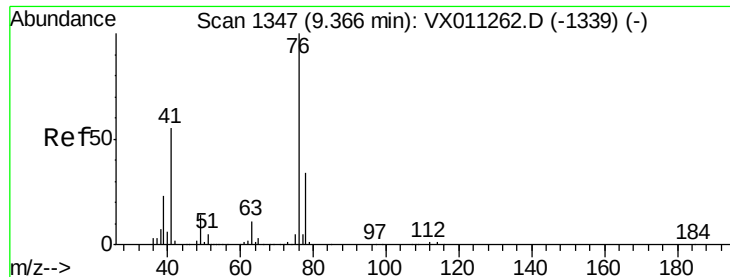


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

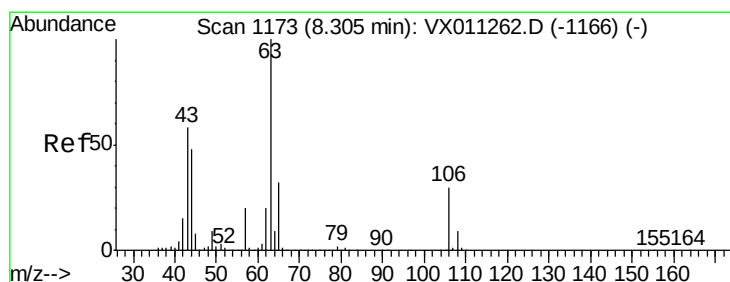
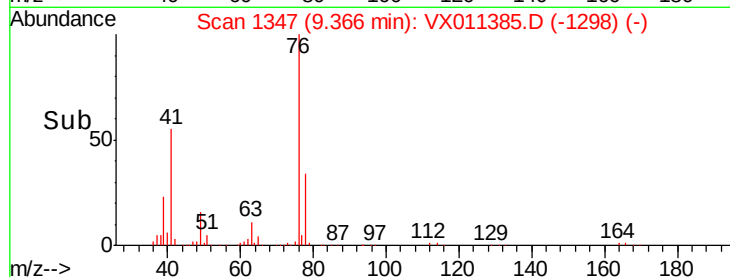
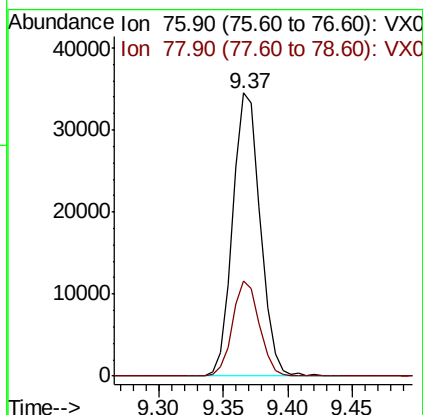
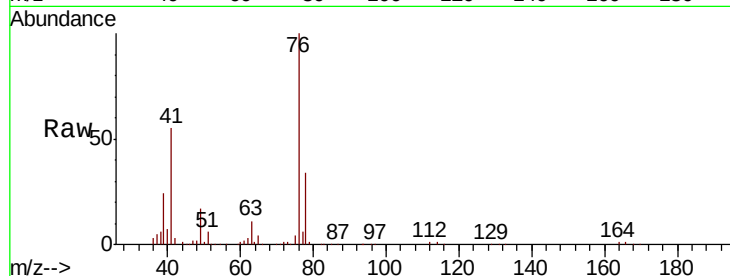




#57
 1,3-Dichloropropane
 Concen: 18.814 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

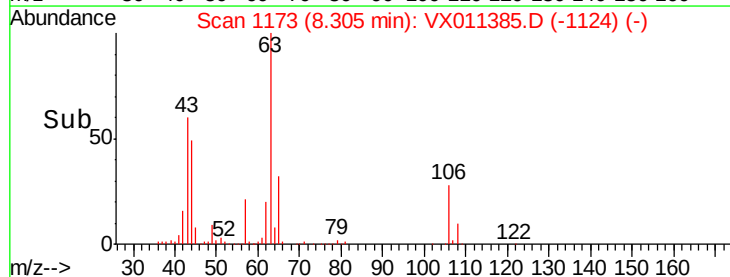
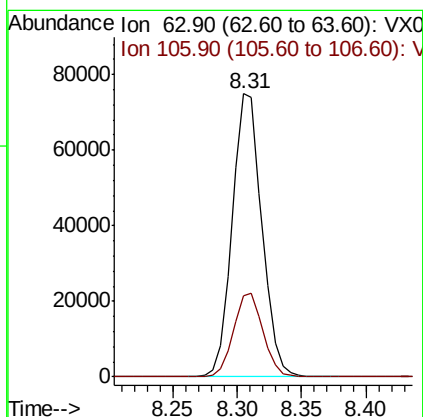
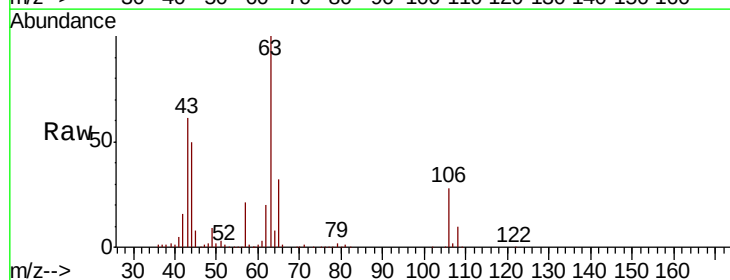
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

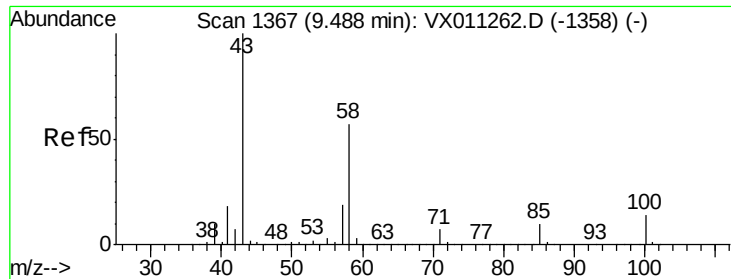
Tgt Ion: 76 Resp: 51744
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.486 ug/l
 RT: 8.31 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Tgt Ion: 63 Resp: 120006
 Ion Ratio Lower Upper
 63 100
 106 29.3 24.4 36.6

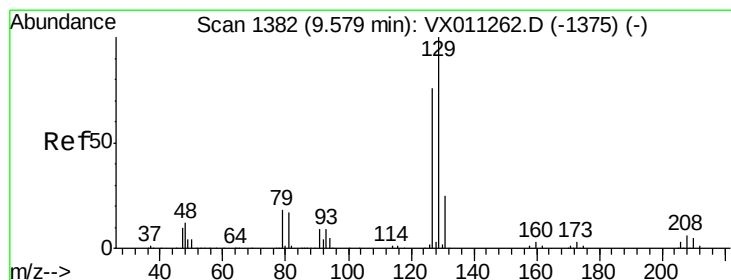
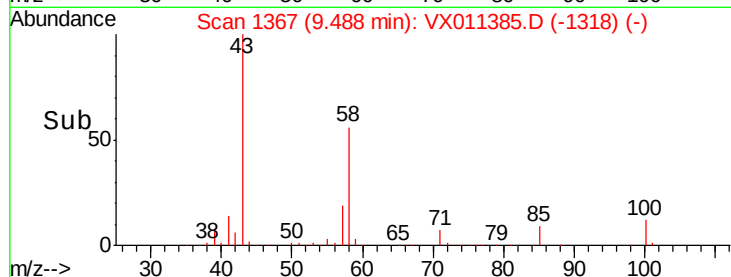
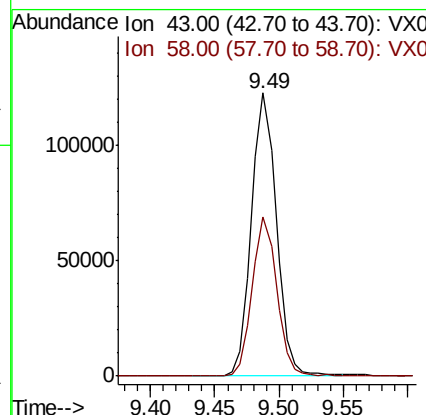
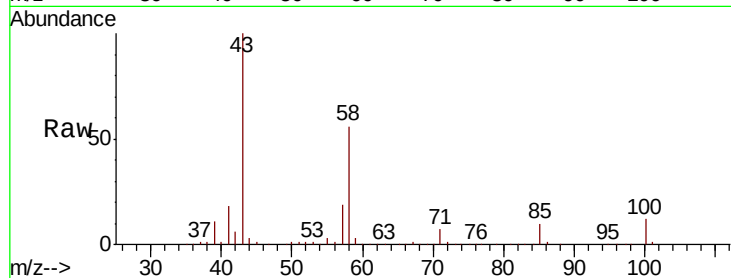




#59
 2-Hexanone
 Concen: 95.214 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

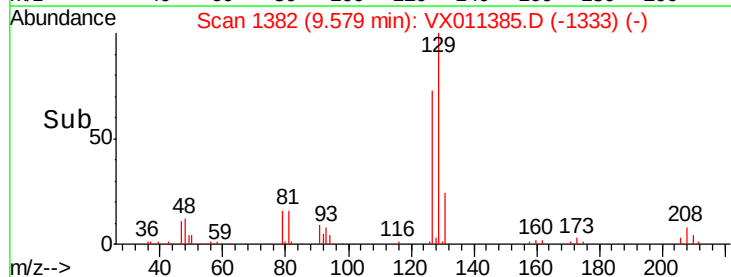
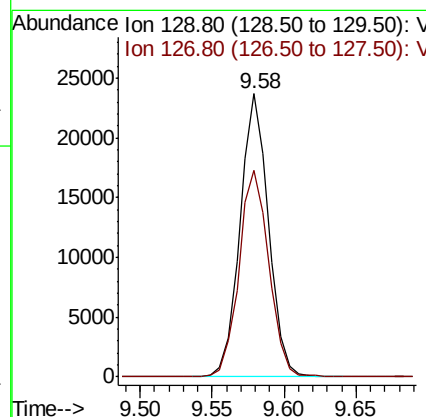
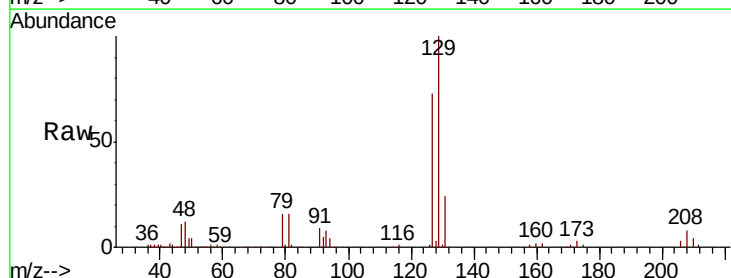
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

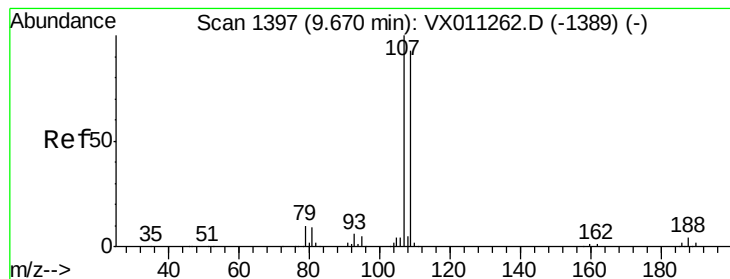
Tgt Ion: 43 Resp: 163628
 Ion Ratio Lower Upper
 43 100
 58 55.6 28.2 84.6



#60
 Dibromochloromethane
 Concen: 18.221 ug/l
 RT: 9.58 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Tgt Ion: 129 Resp: 32441
 Ion Ratio Lower Upper
 129 100
 127 76.7 39.2 117.6





#61

1,2-Dibromoethane

Concen: 18.230 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

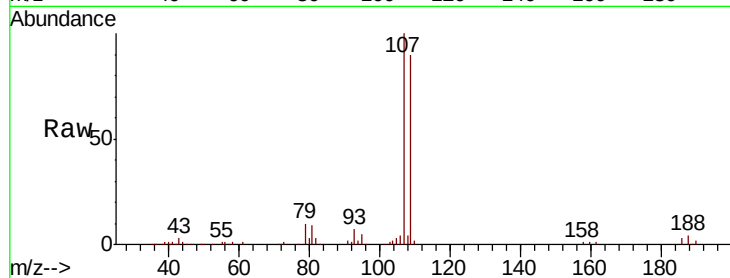
VX0808WBSD01

Tgt Ion: 107 Resp: 34252

Ion Ratio Lower Upper

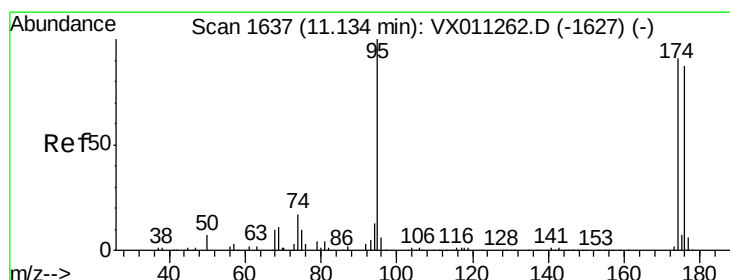
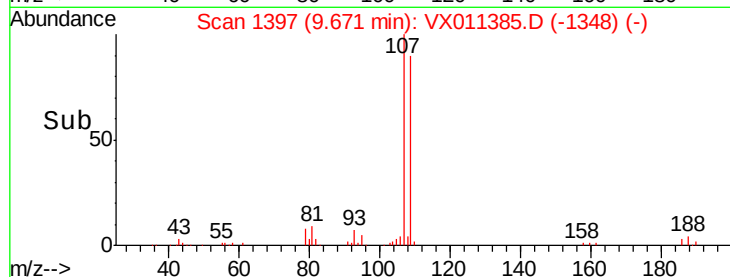
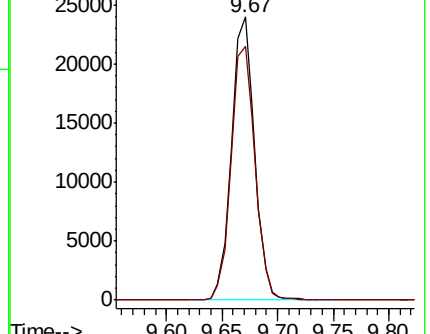
107 100

109 93.3 76.6 114.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.427 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

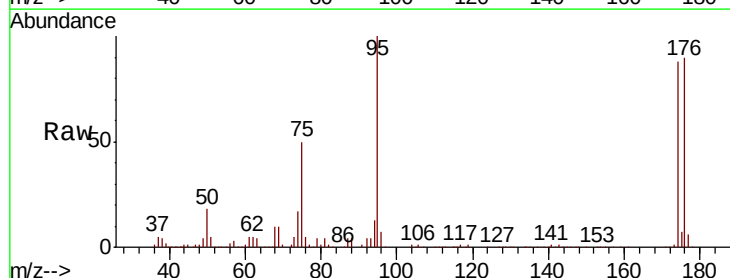
Tgt Ion: 95 Resp: 102460

Ion Ratio Lower Upper

95 100

174 92.5 0.0 191.2

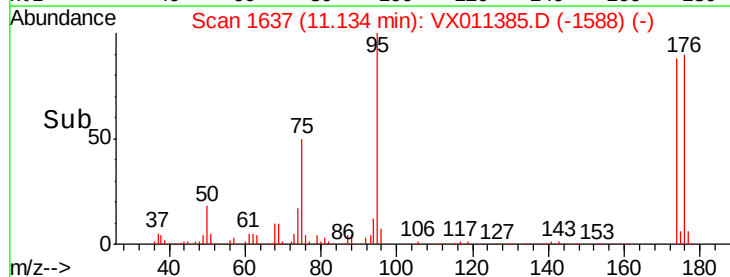
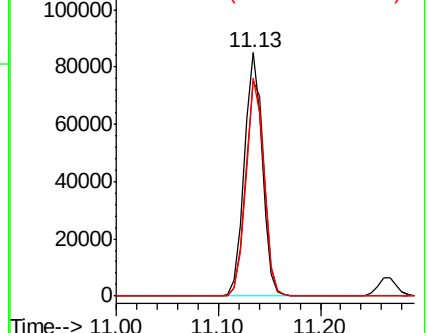
176 89.8 0.0 184.8

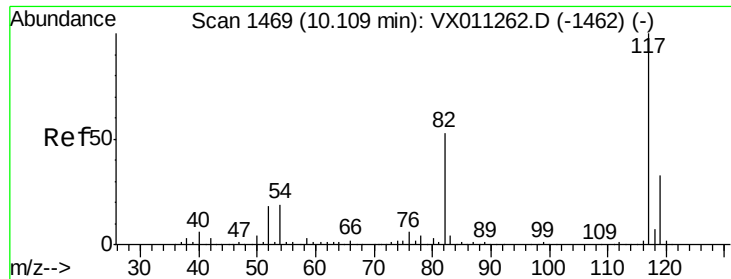


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

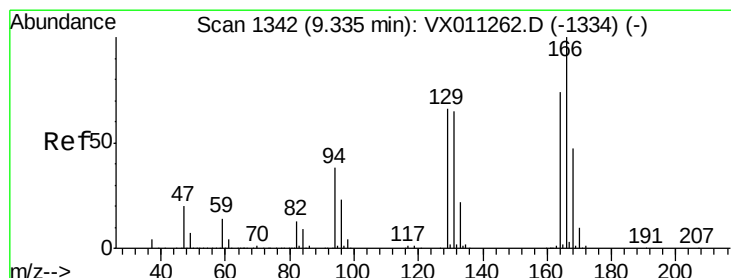
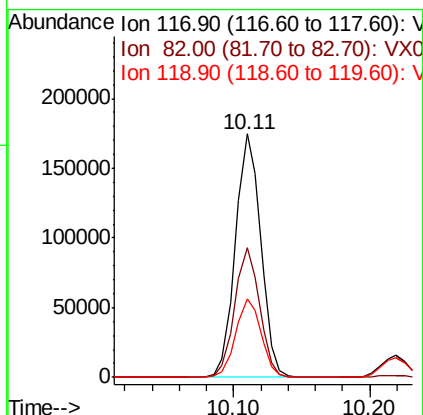
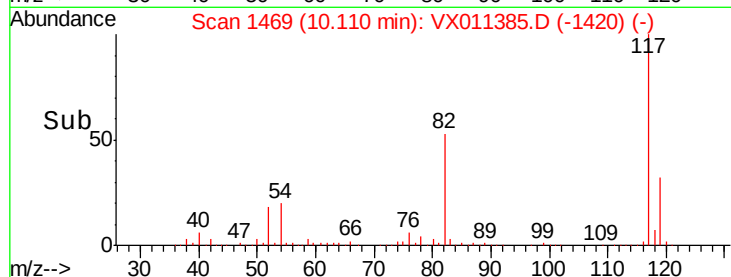
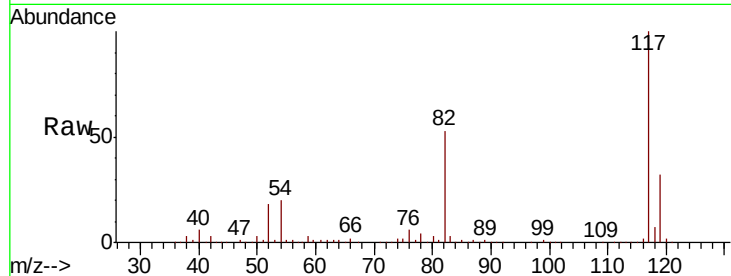




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

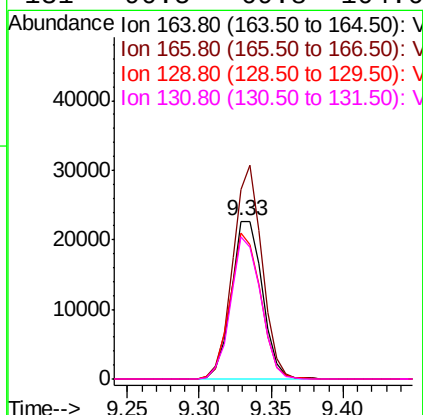
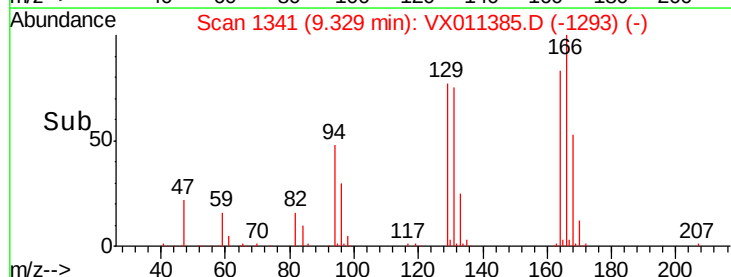
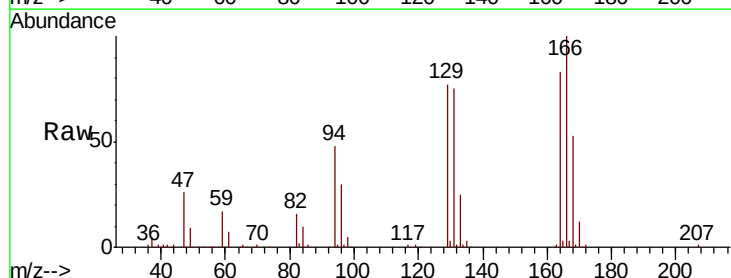
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

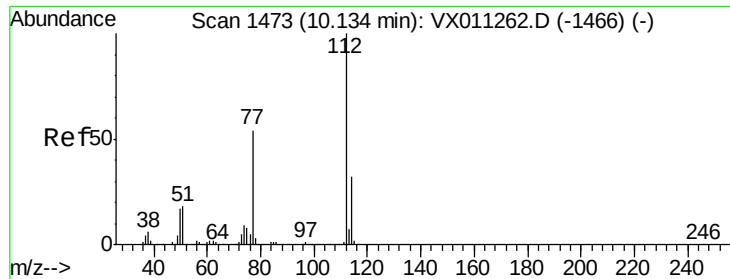
Tgt Ion:117 Resp: 227405
Ion Ratio Lower Upper
117 100
82 53.1 42.2 63.2
119 32.2 26.6 39.8



#64
Tetrachloroethene
Concen: 17.746 ug/l
RT: 9.33 min Scan# 1341
Delta R.T. -0.01 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion:164 Resp: 34271
Ion Ratio Lower Upper
164 100
166 120.0 107.5 161.3
129 92.6 71.0 106.4
131 90.5 69.8 104.6

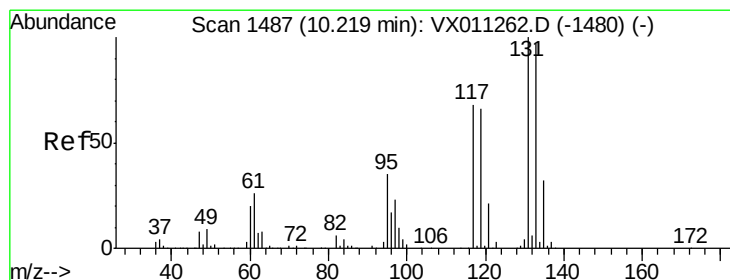
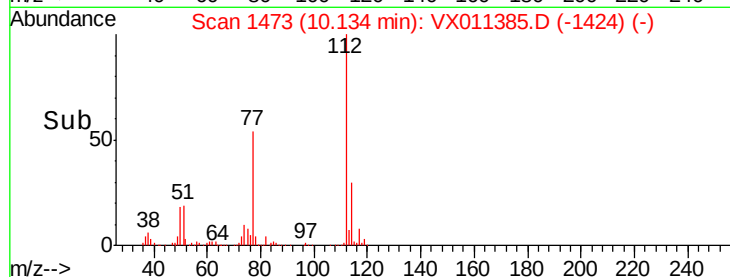
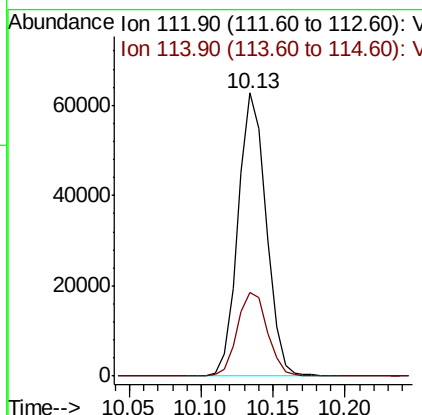
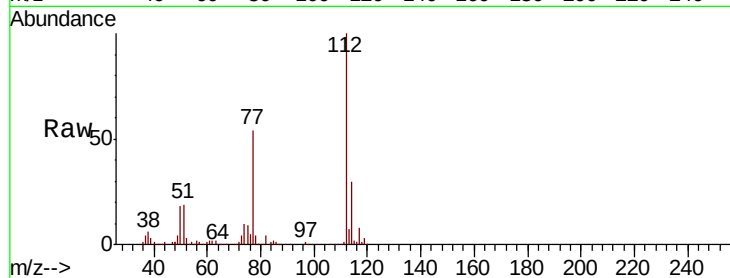




#65
Chlorobenzene
Concen: 17.523 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

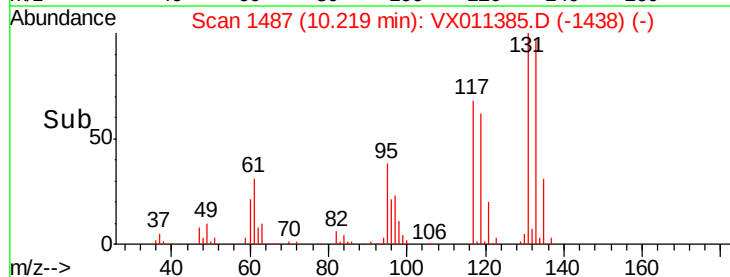
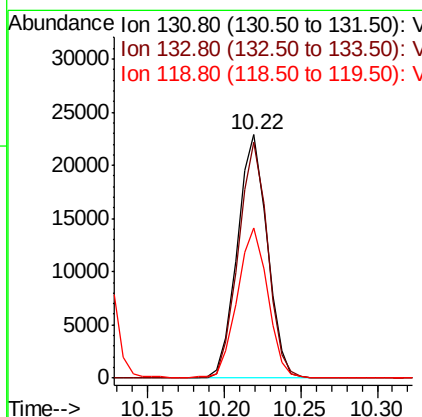
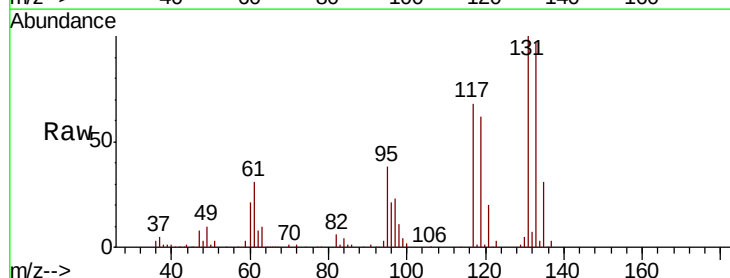
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

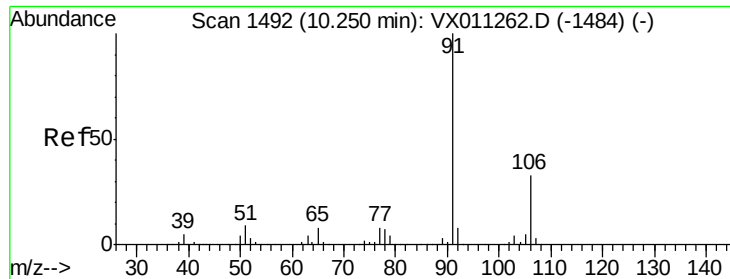
Tgt Ion:112 Resp: 85439
Ion Ratio Lower Upper
112 100
114 29.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.621 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion:131 Resp: 31083
Ion Ratio Lower Upper
131 100
133 94.8 47.7 143.1
119 62.8 32.8 98.3

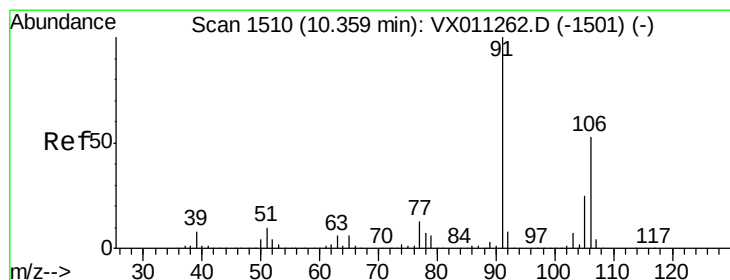
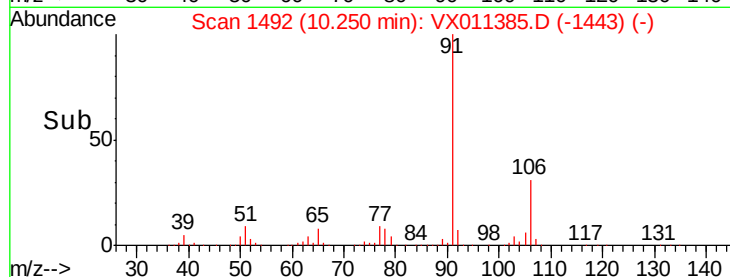
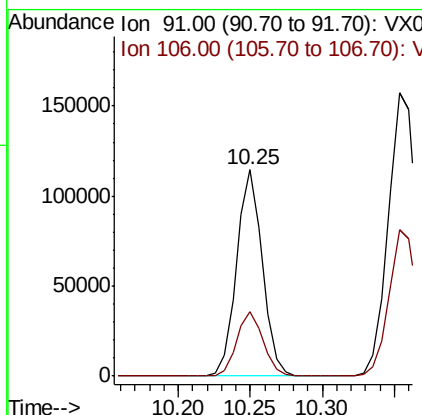
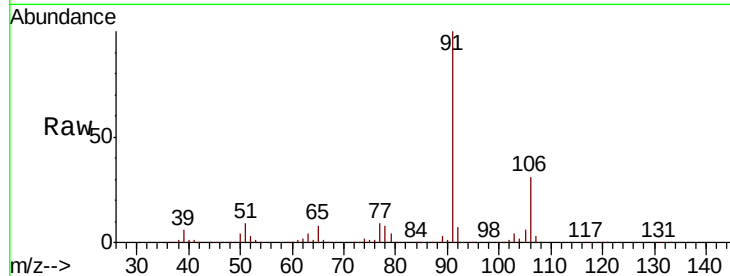




#67
Ethyl Benzene
Concen: 17.531 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

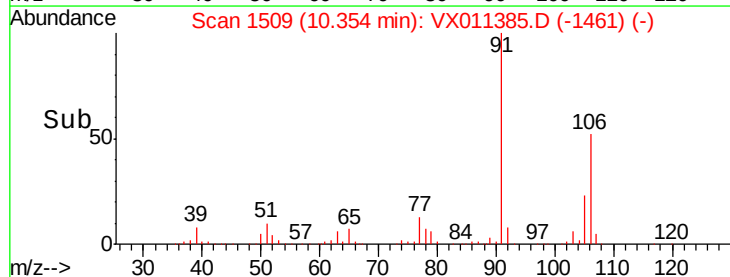
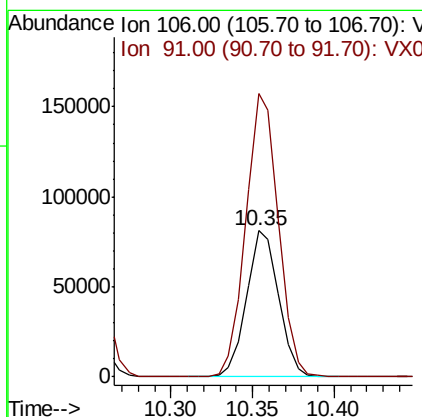
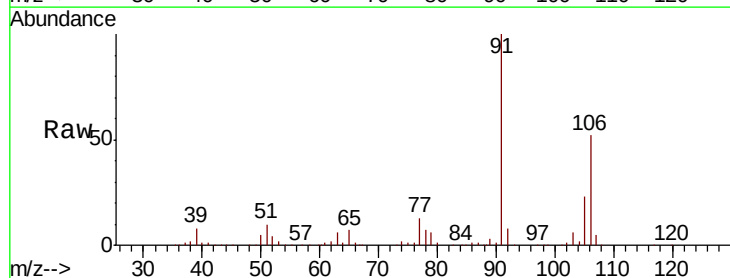
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

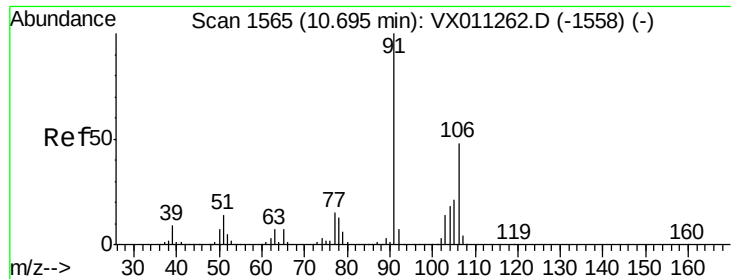
Tgt Ion: 91 Resp: 143155
Ion Ratio Lower Upper
91 100
106 31.3 26.2 39.4



#68
m/p-Xylenes
Concen: 35.275 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion: 106 Resp: 111416
Ion Ratio Lower Upper
106 100
91 196.6 155.9 233.9

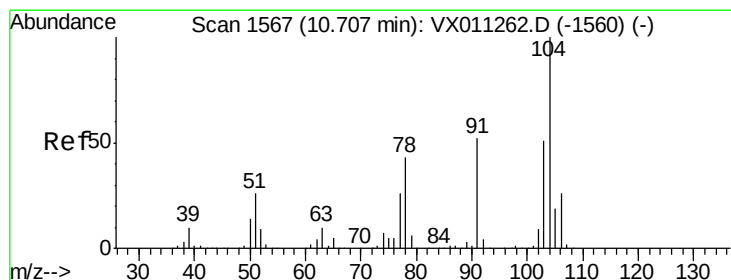
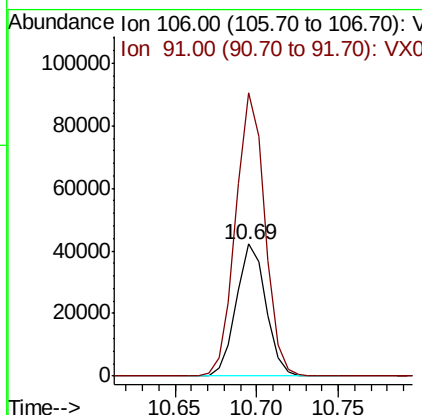
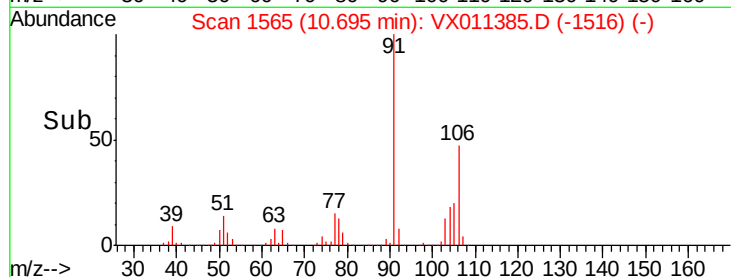
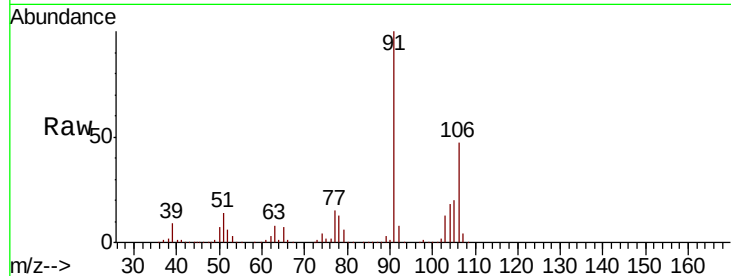




#69
o-Xylene
Concen: 17.265 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

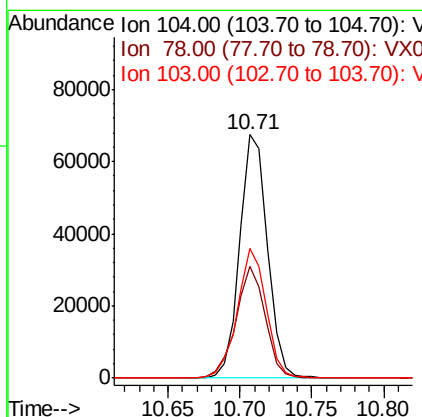
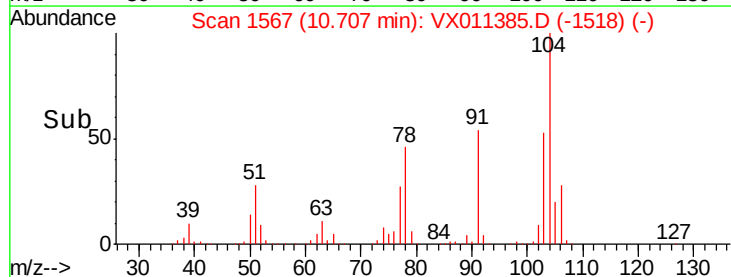
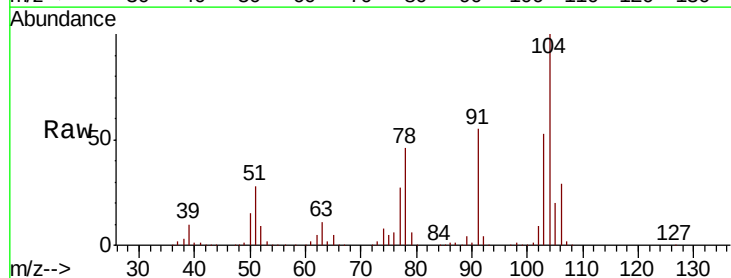
Instrument :
MSVOA_X
ClientSampled :
VX0808WBSD01

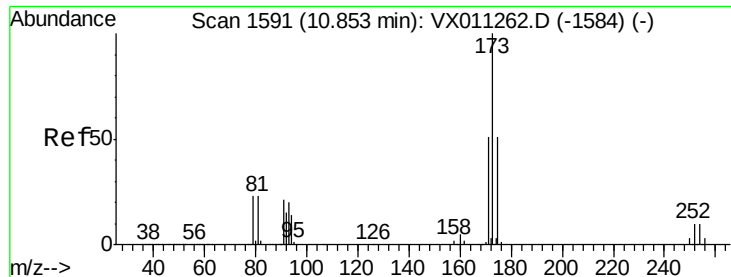
Tgt Ion:106 Resp: 53581
Ion Ratio Lower Upper
106 100
91 210.9 103.8 311.3



#70
Styrene
Concen: 17.612 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion:104 Resp: 90436
Ion Ratio Lower Upper
104 100
78 48.7 36.9 55.3
103 55.5 44.4 66.6





#71

Bromoform

Concen: 17.693 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

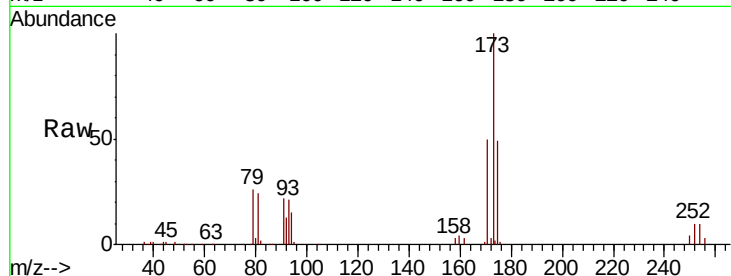
Tgt Ion:173 Resp: 23508

Ion Ratio Lower Upper

173 100

175 48.2 24.4 73.4

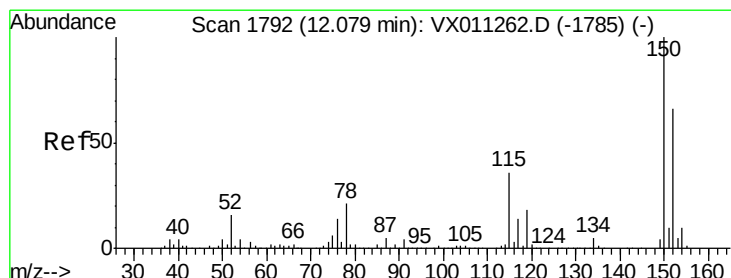
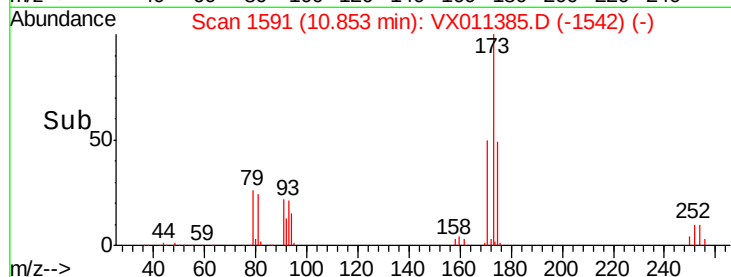
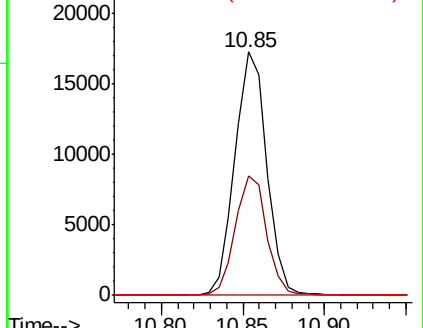
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

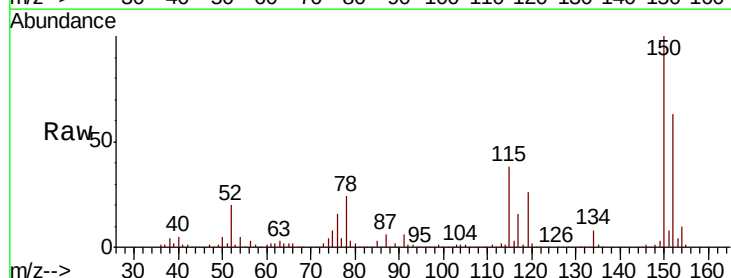
Tgt Ion:152 Resp: 118578

Ion Ratio Lower Upper

152 100

115 63.8 40.0 119.9

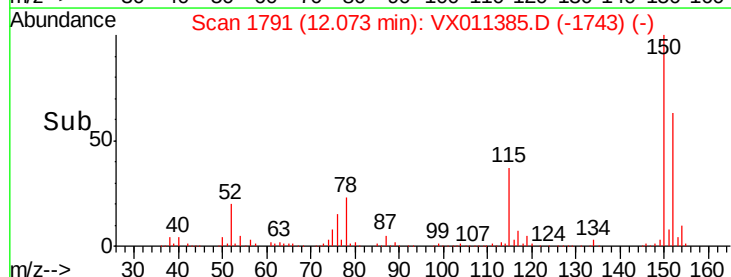
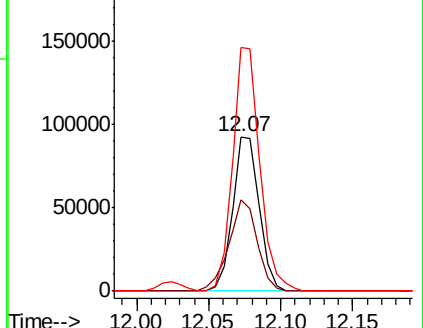
150 163.0 0.0 350.4

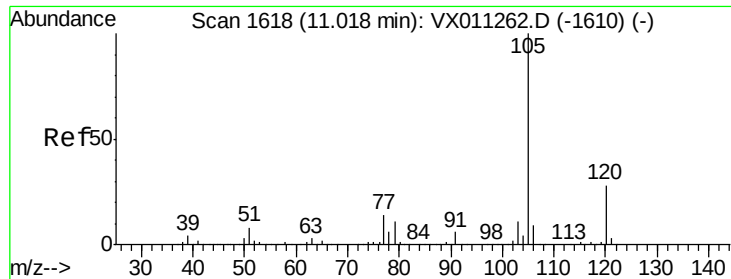


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.137 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

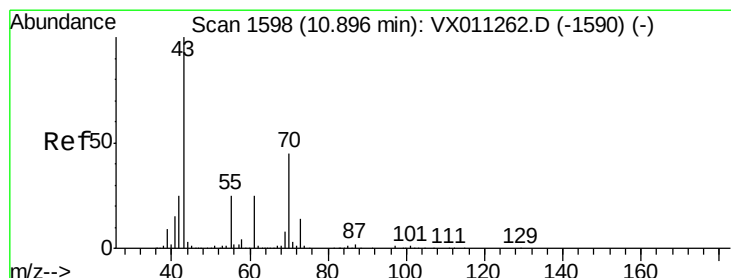
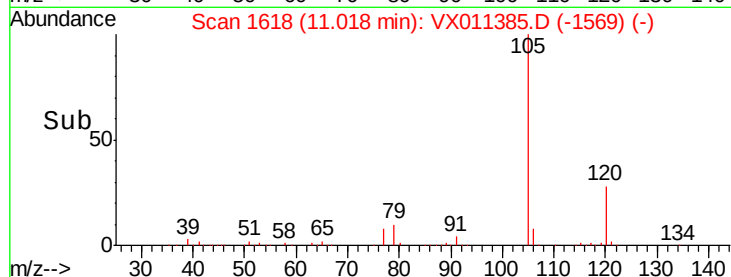
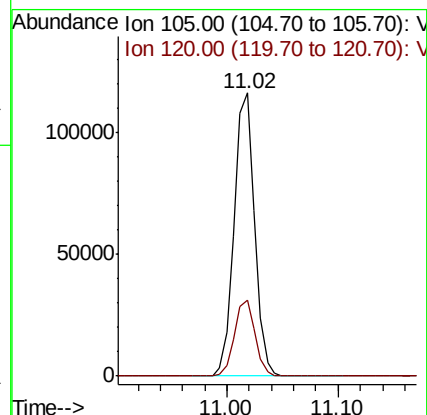
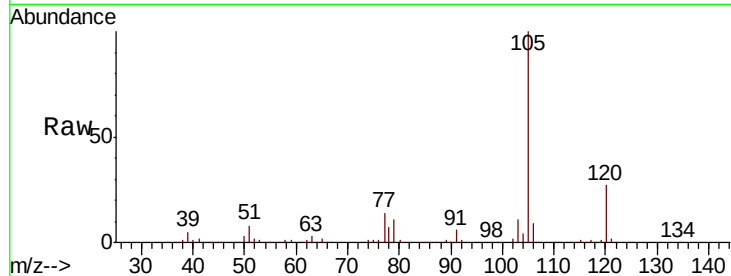
VX0808WBSD01

Tgt Ion: 105 Resp: 147092

Ion Ratio Lower Upper

105 100

120 27.0 13.7 41.1



#74

N-ethyl acetate

Concen: 19.035 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Tgt Ion: 43 Resp: 55780

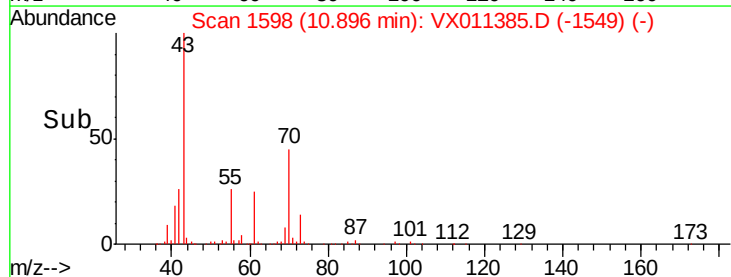
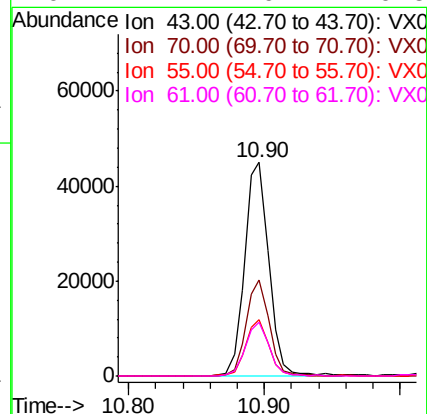
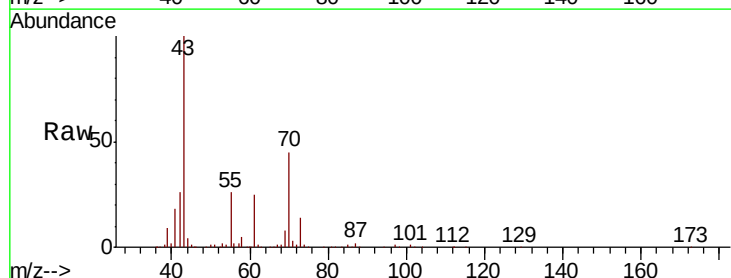
Ion Ratio Lower Upper

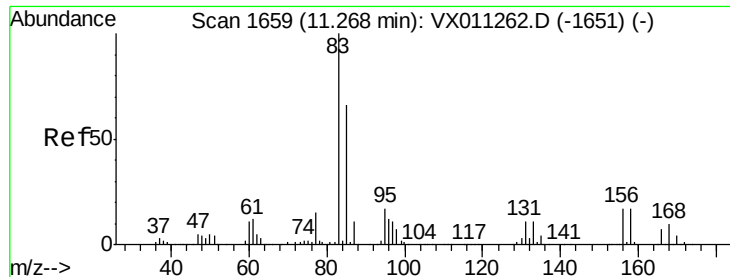
43 100

70 43.6 35.9 53.9

55 25.6 19.8 29.6

61 24.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.745 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

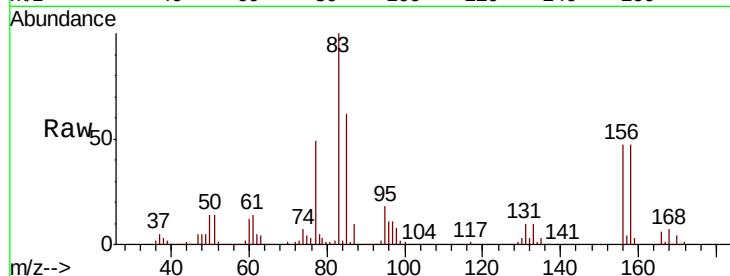
Tgt Ion: 83 Resp: 50660

Ion Ratio Lower Upper

83 100

131 10.9 5.6 16.8

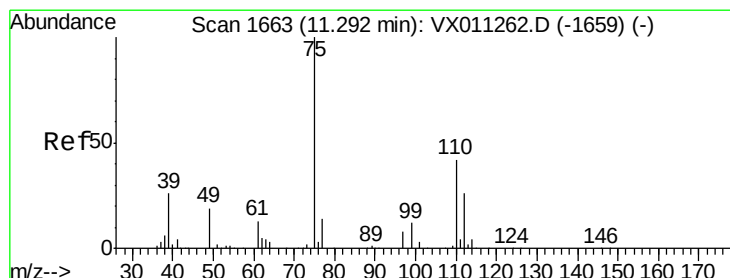
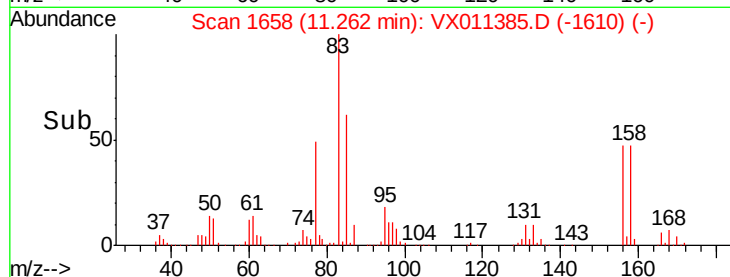
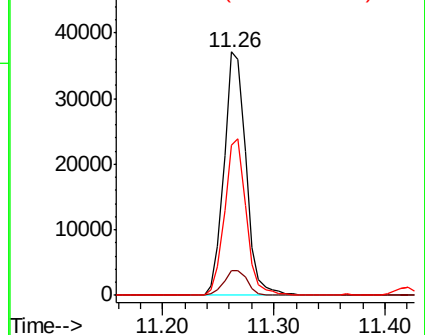
85 63.3 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.487 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX011385.D

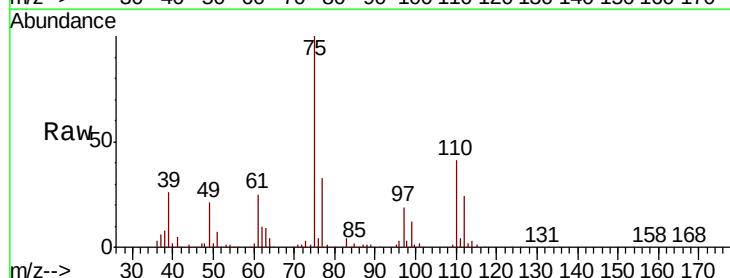
Acq: 08 Aug 2019 12:32

Tgt Ion: 75 Resp: 52879

Ion Ratio Lower Upper

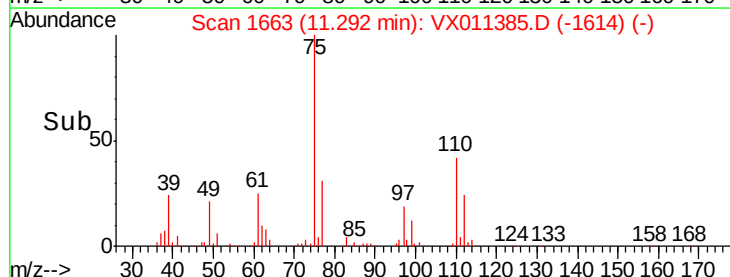
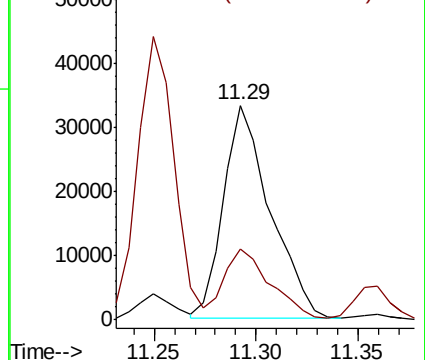
75 100

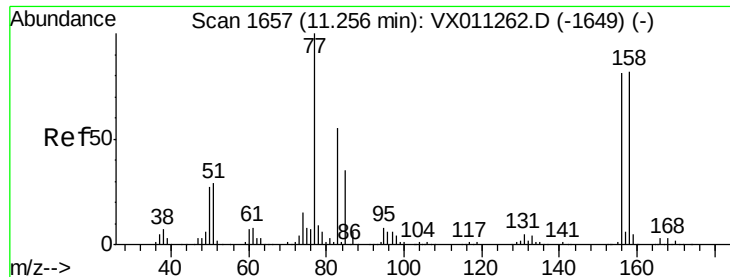
77 32.9 21.1 63.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.047 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

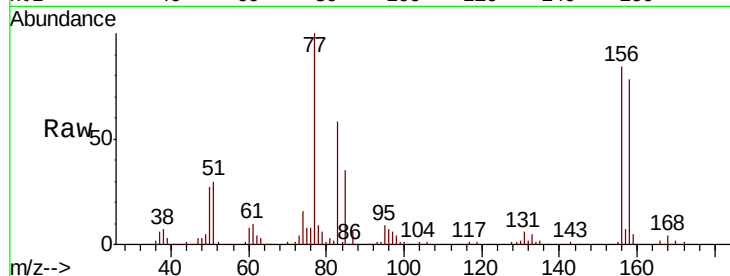
Tgt Ion:156 Resp: 40584

Ion Ratio Lower Upper

156 100

77 135.6 66.2 198.6

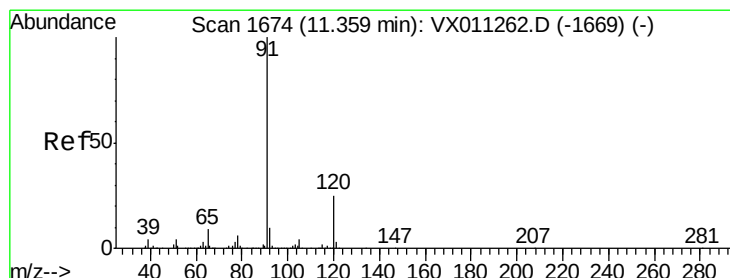
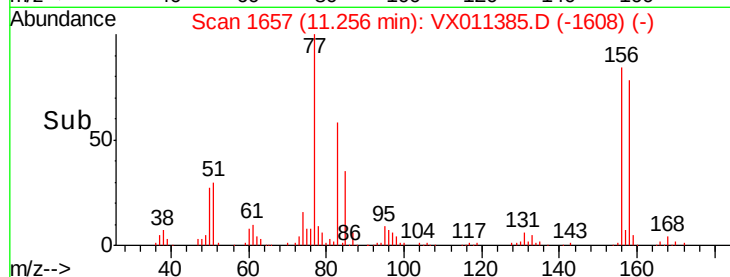
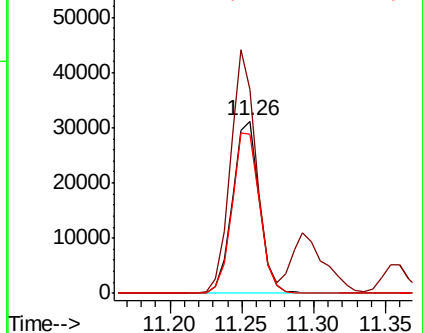
158 95.7 49.1 147.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.952 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011385.D

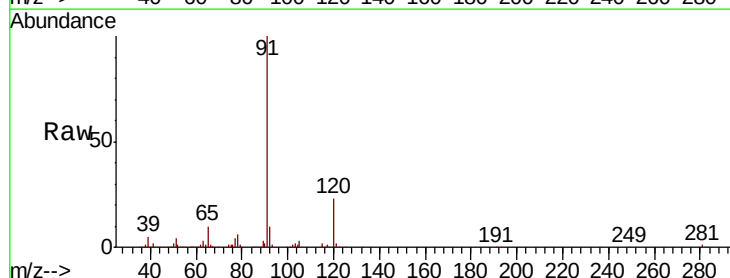
Acq: 08 Aug 2019 12:32

Tgt Ion: 91 Resp: 161900

Ion Ratio Lower Upper

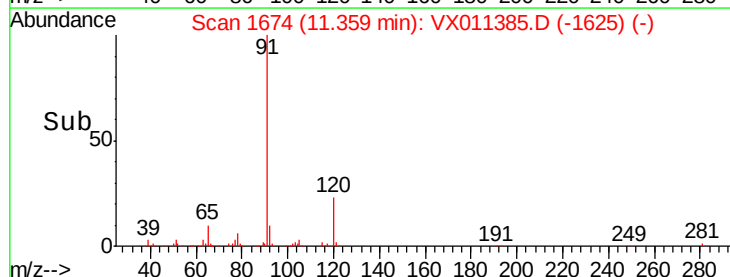
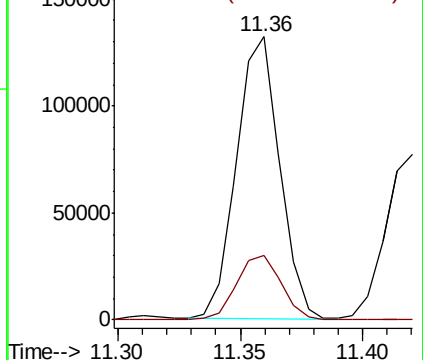
91 100

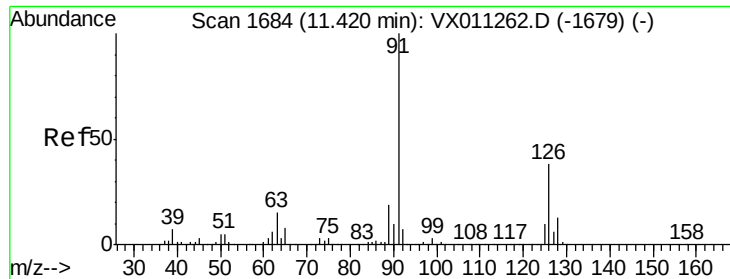
120 23.7 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.927 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

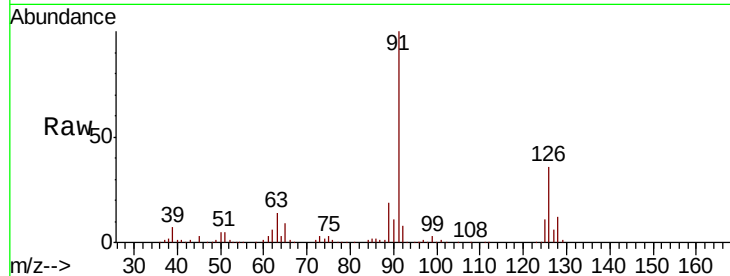
VX0808WBSD01

Tgt Ion: 91 Resp: 96363

Ion Ratio Lower Upper

91 100

126 36.2 18.5 55.5



Abundance Ion 91.00 (90.70 to 91.70): VX011262.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX011262.D (-1679) (-)

150000

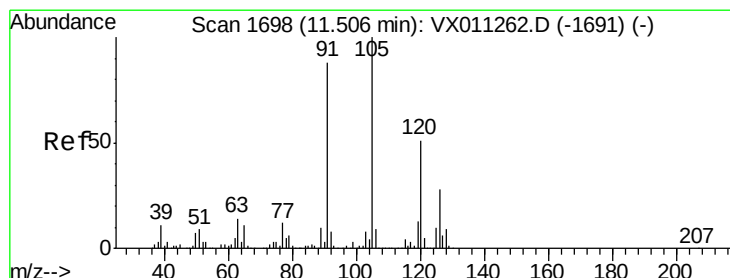
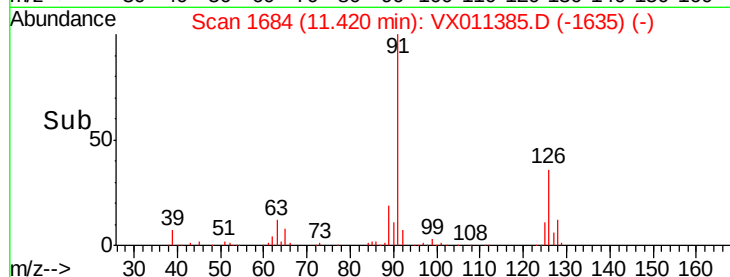
100000

50000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 17.998 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011385.D

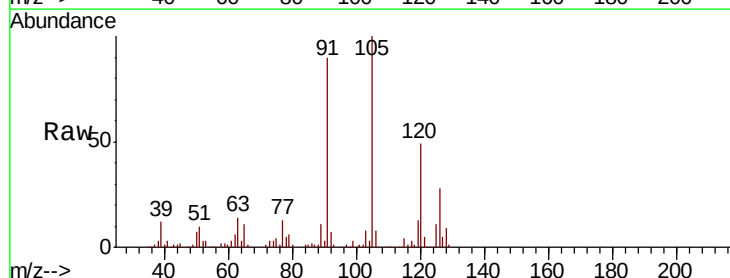
Acq: 08 Aug 2019 12:32

Tgt Ion: 105 Resp: 122184

Ion Ratio Lower Upper

105 100

120 48.8 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VX011262.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX011262.D (-1691) (-)

120000

100000

80000

60000

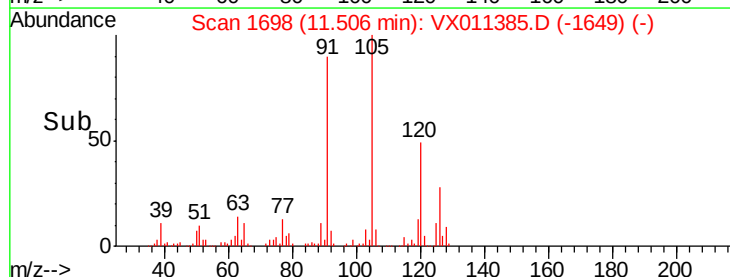
40000

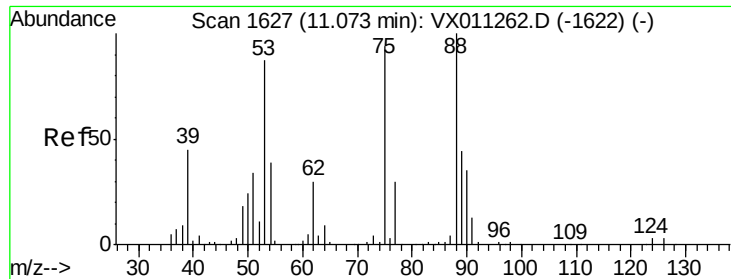
20000

0

11.50 11.51 11.52

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.377 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBSD01

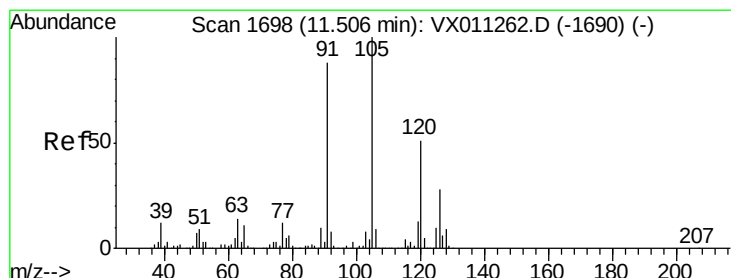
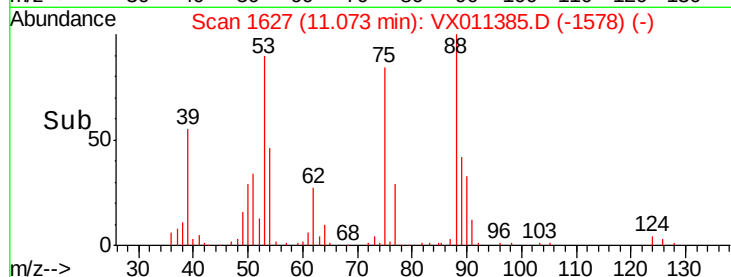
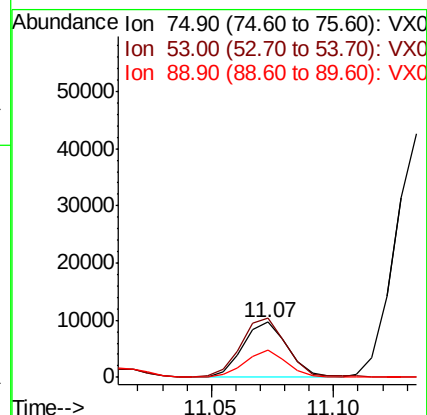
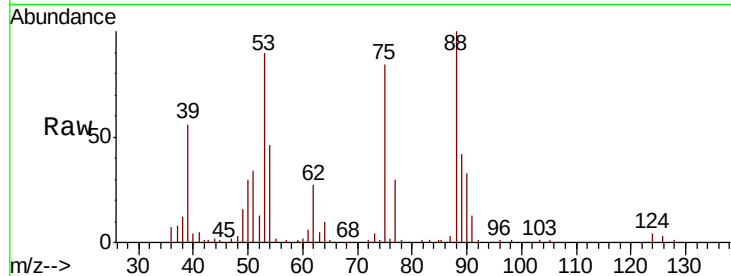
Tgt Ion: 75 Resp: 12315

Ion Ratio Lower Upper

75 100

53 109.2 78.2 117.4

89 46.9 37.9 56.9



#82

4-Chlorotoluene

Concen: 18.042 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011385.D

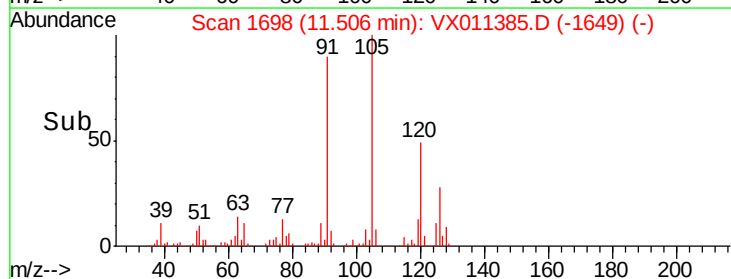
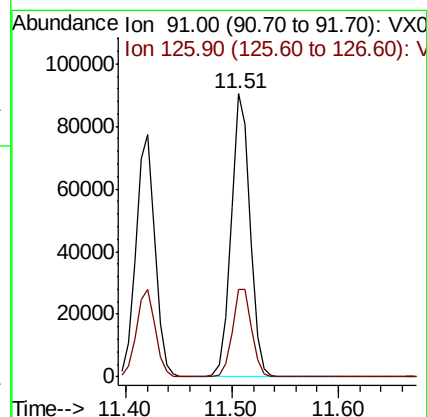
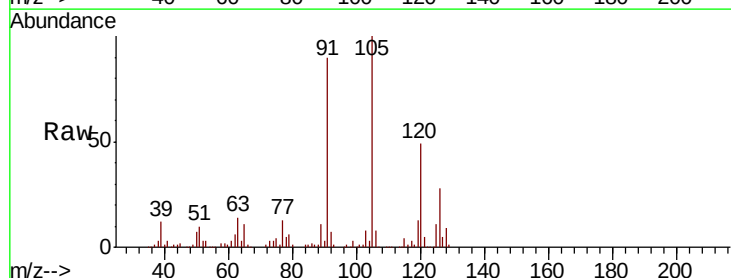
Acq: 08 Aug 2019 12:32

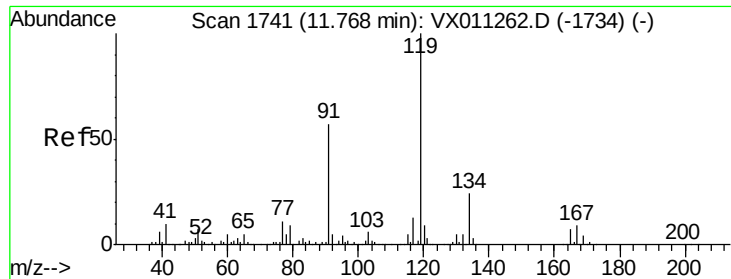
Tgt Ion: 91 Resp: 113028

Ion Ratio Lower Upper

91 100

126 31.6 16.4 49.2

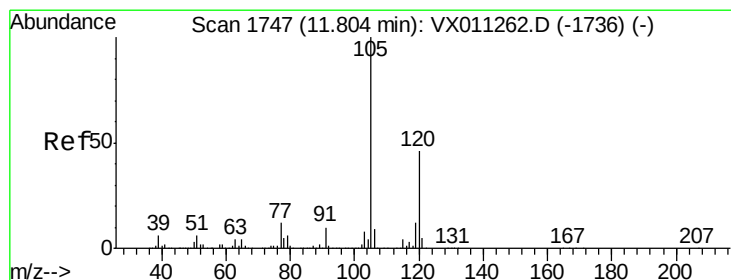
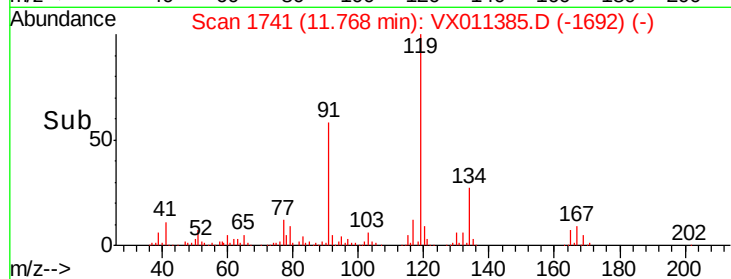
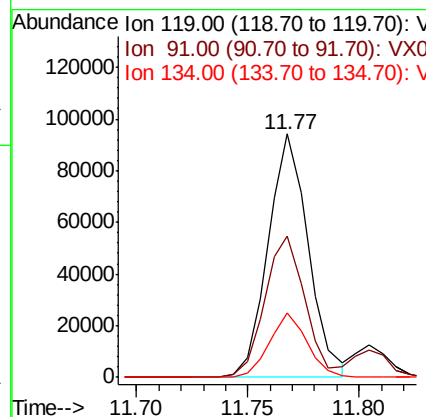
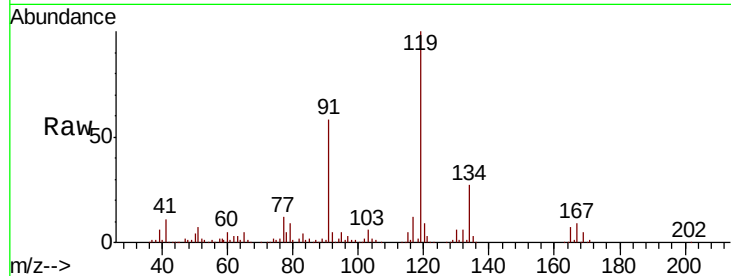




#83
 tert-Butylbenzene
 Concen: 17.693 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

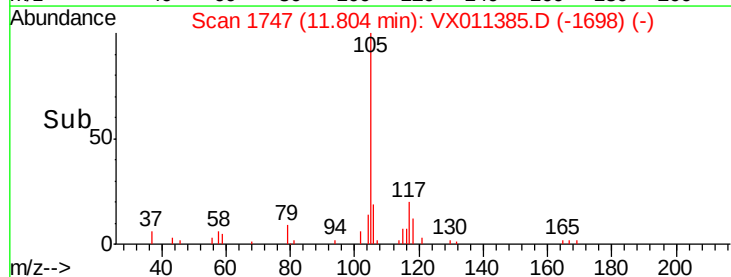
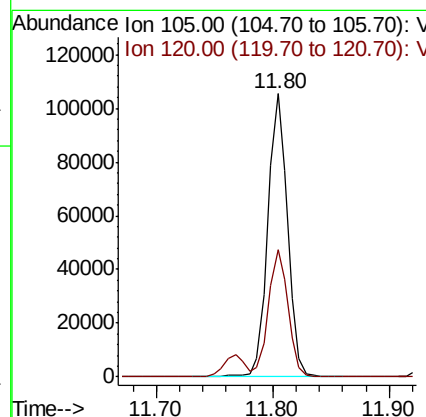
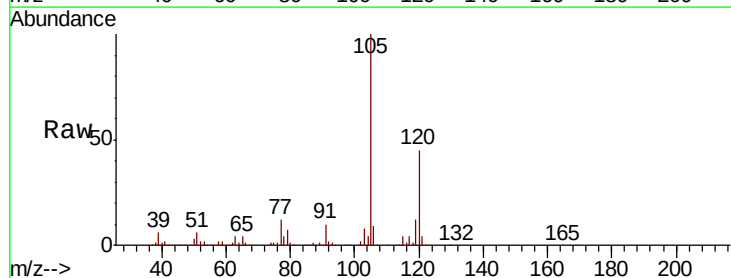
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

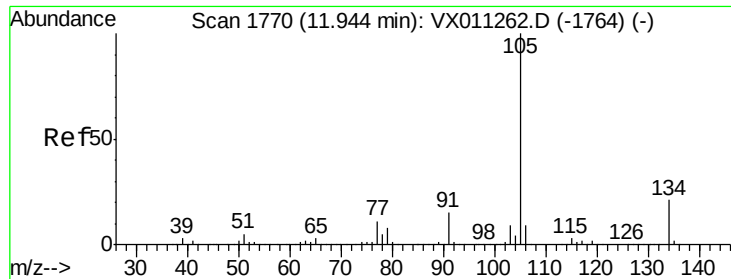
Tgt Ion:119 Resp: 117803
 Ion Ratio Lower Upper
 119 100
 91 58.7 28.0 84.0
 134 24.9 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.444 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Tgt Ion:105 Resp: 124667
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 17.662 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

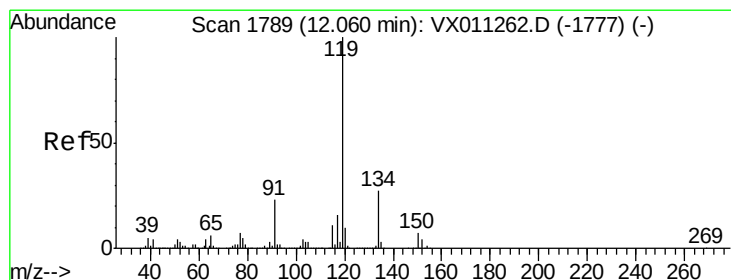
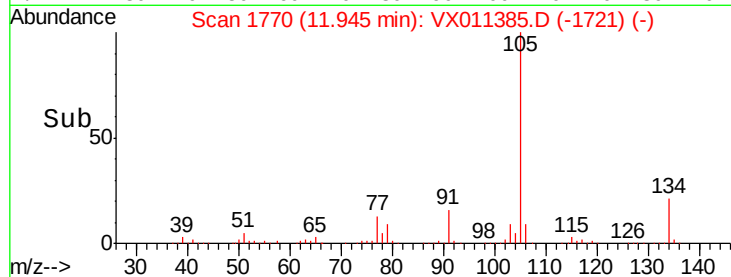
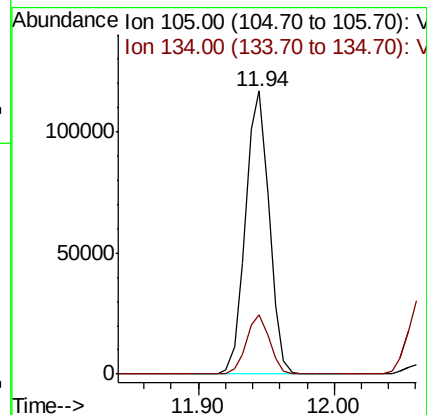
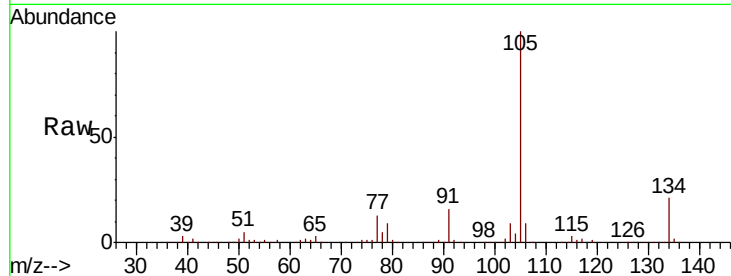
VX0808WBSD01

Tgt Ion:105 Resp: 141292

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.4



#86

p-Isopropyltoluene

Concen: 17.264 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011385.D

Acq: 08 Aug 2019 12:32

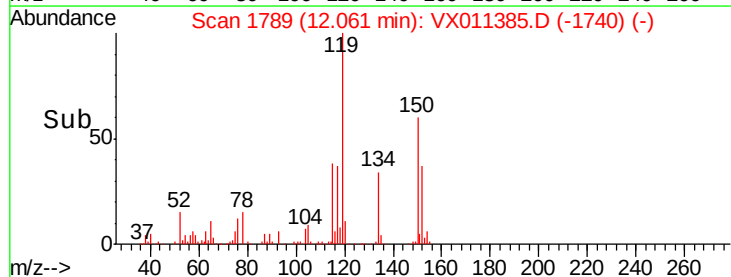
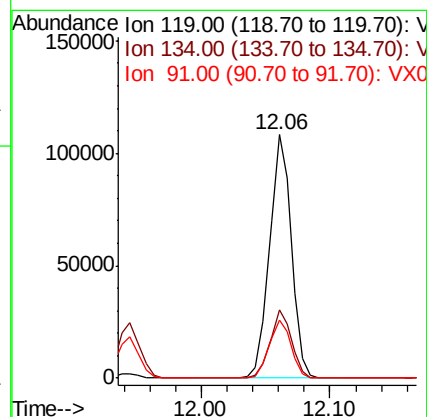
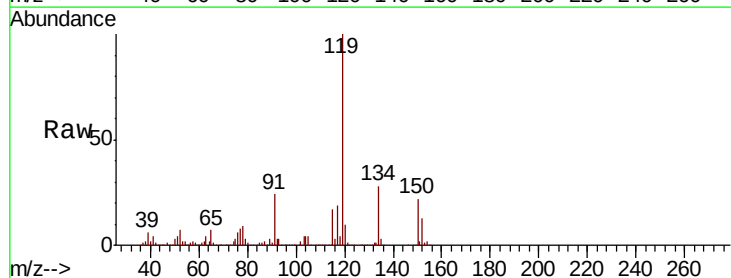
Tgt Ion:119 Resp: 127052

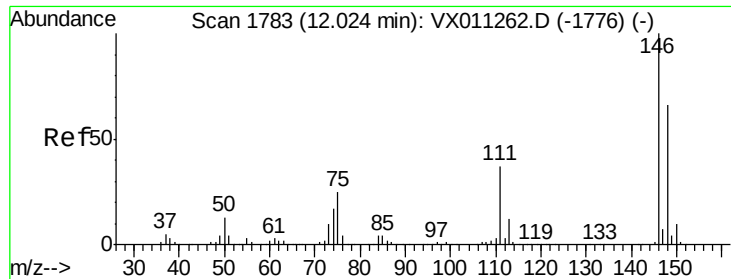
Ion Ratio Lower Upper

119 100

134 27.6 13.7 41.0

91 23.9 11.4 34.2

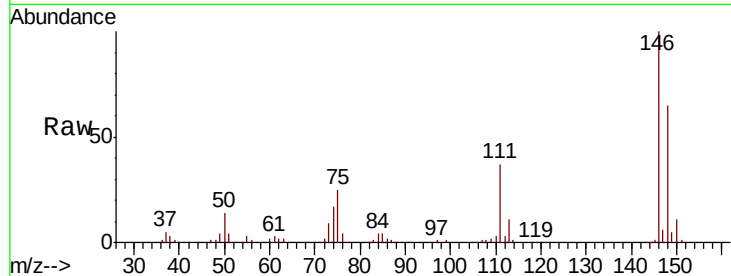




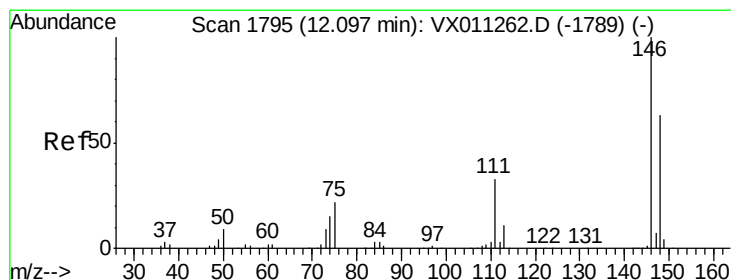
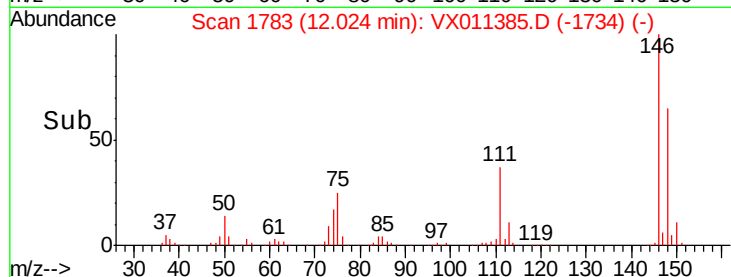
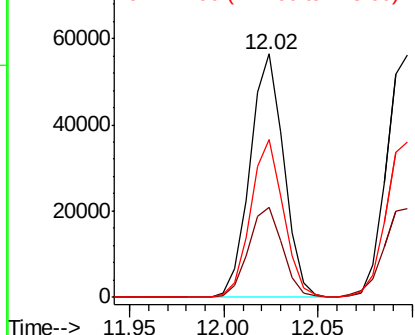
#87
 1,3-Dichlorobenzene
 Concen: 17.636 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Instrument :
 MSVOA_X
 ClientSampled :
 VX0808WBSD01

Tgt Ion:146 Resp: 70077
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 63.1 32.5 97.5

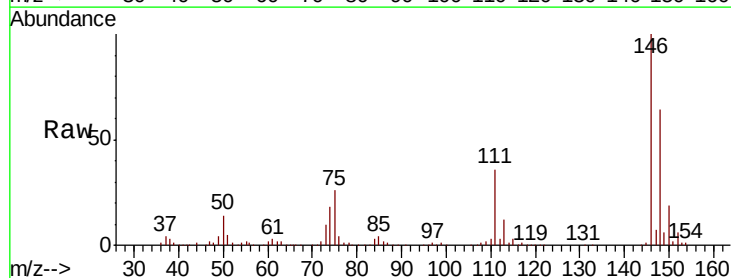


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

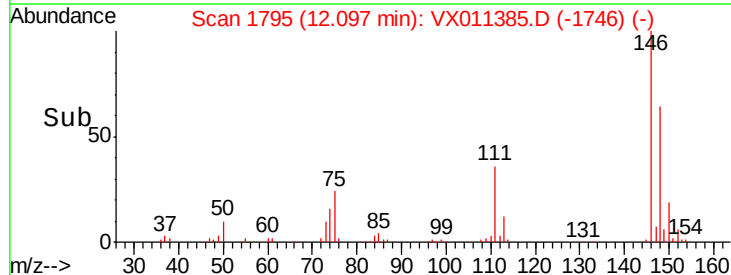
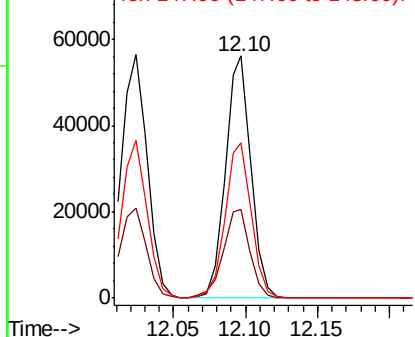


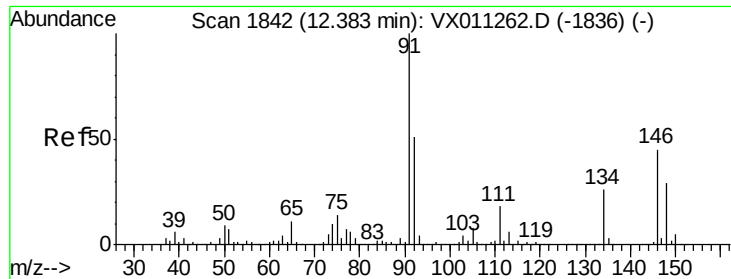
#88
 1,4-Dichlorobenzene
 Concen: 17.094 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Tgt Ion:146 Resp: 70040
 Ion Ratio Lower Upper
 146 100
 111 38.5 17.8 53.4
 148 65.6 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

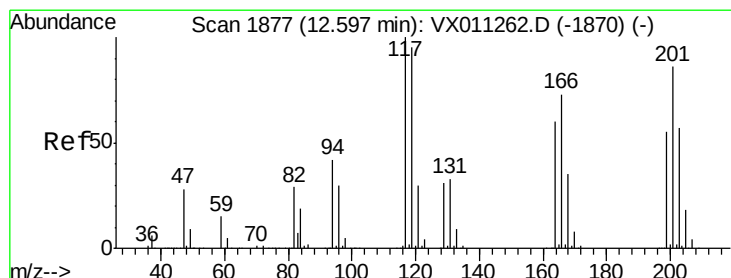
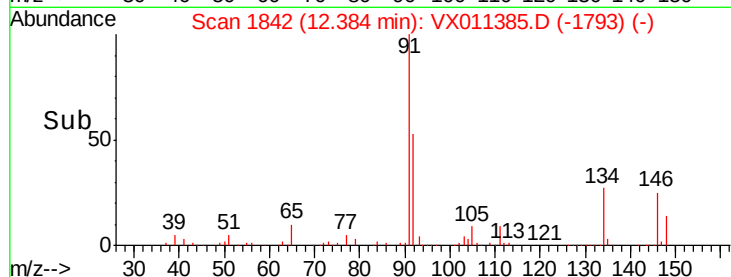
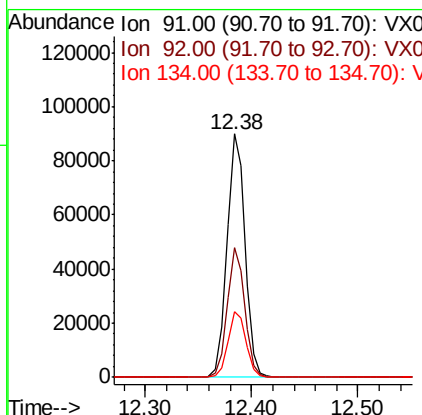
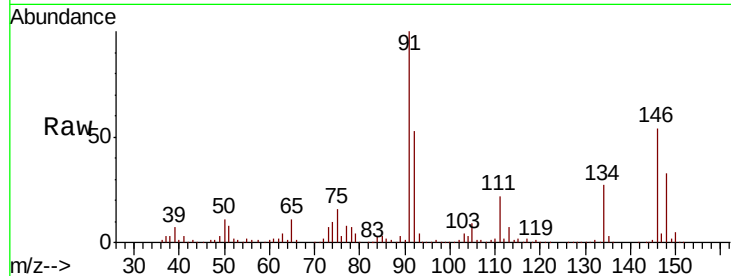




#89
n-Butylbenzene
Concen: 16.894 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

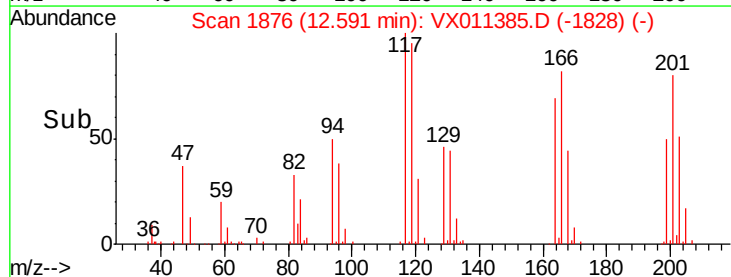
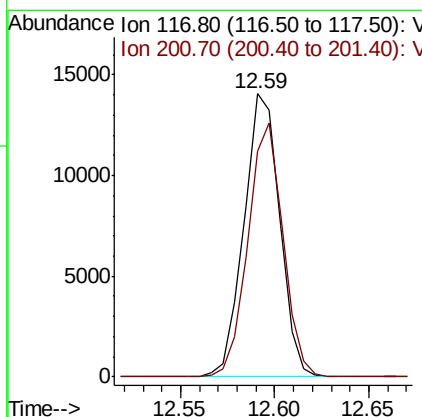
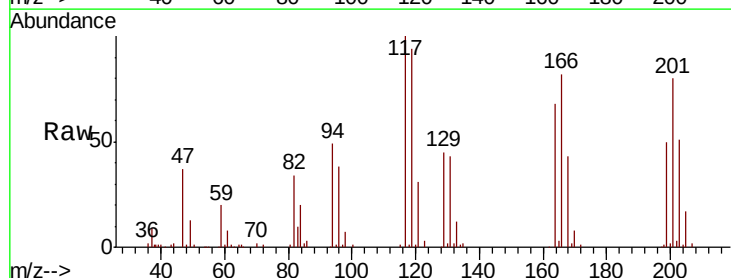
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

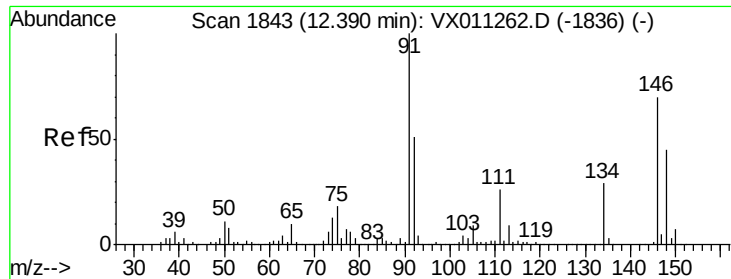
Tgt Ion: 91 Resp: 107117
Ion Ratio Lower Upper
91 100
92 51.5 25.8 77.3
134 26.9 13.7 41.0



#90
Hexachloroethane
Concen: 17.041 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion: 117 Resp: 18541
Ion Ratio Lower Upper
117 100
201 87.3 41.8 125.4

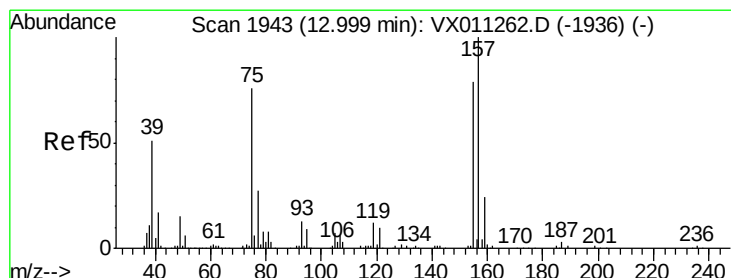
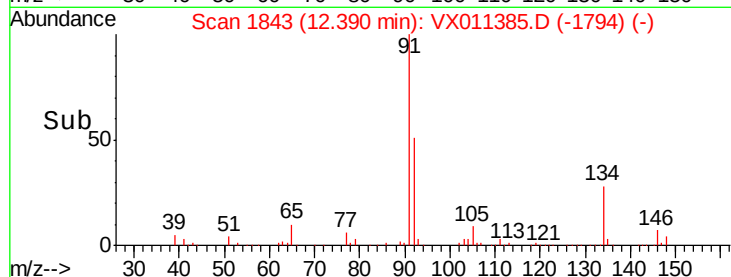
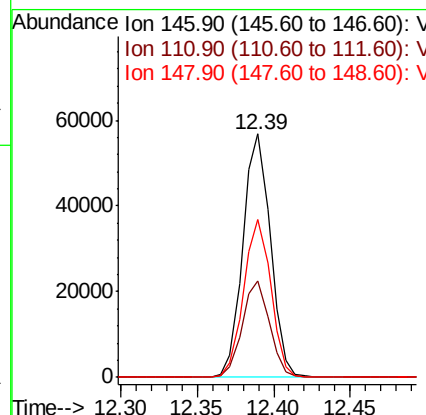
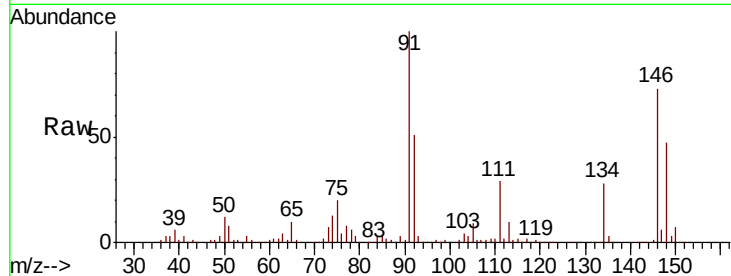




#91
 1,2-Dichlorobenzene
 Concen: 17.775 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

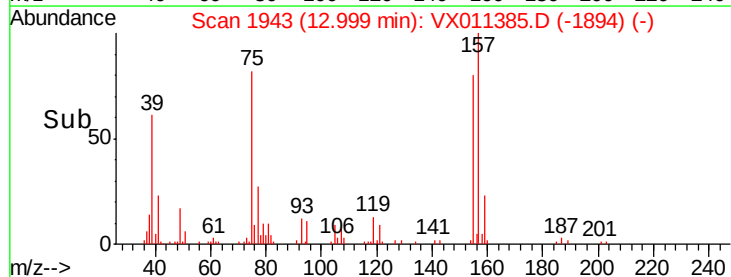
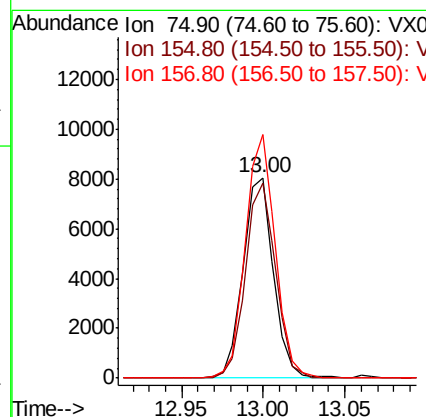
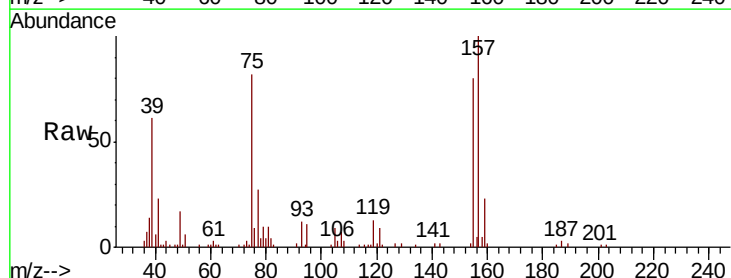
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

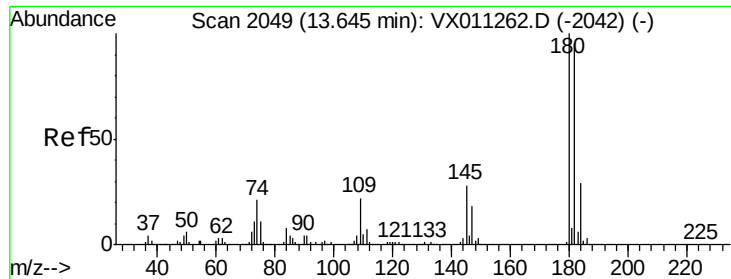
Tgt Ion: 146 Resp: 70964
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.1 57.1
 148 64.3 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.021 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Tgt Ion: 75 Resp: 10483
 Ion Ratio Lower Upper
 75 100
 155 96.0 51.9 155.8
 157 118.8 64.3 192.7

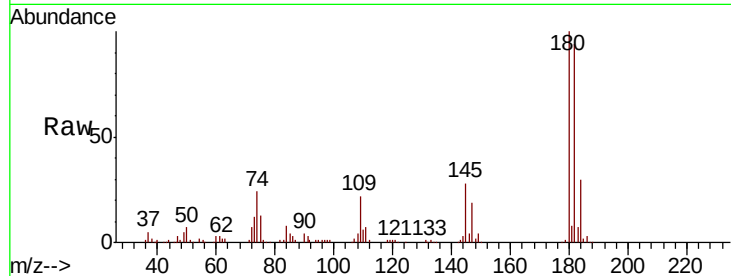




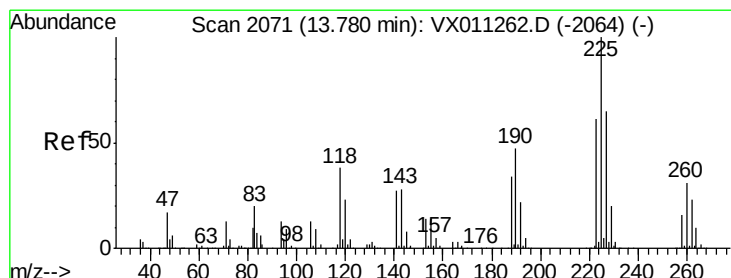
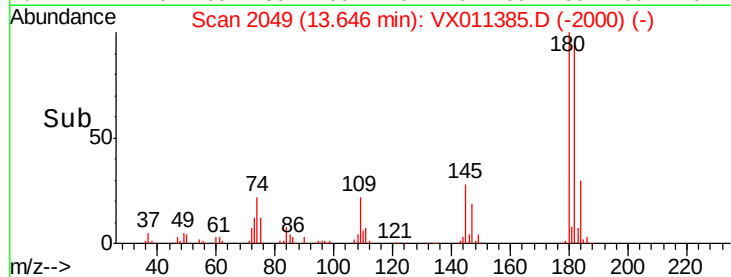
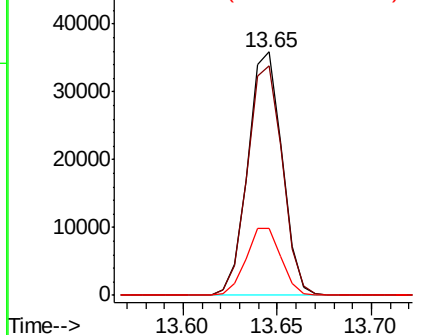
#93
 1,2,4-Trichlorobenzene
 Concen: 17.113 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBSD01

Tgt Ion:180 Resp: 45310
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.8 143.4
 145 28.3 14.8 44.3

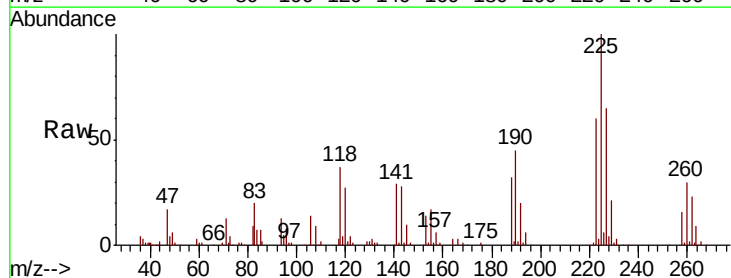


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

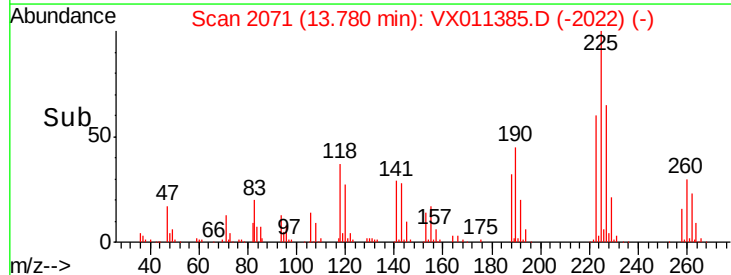
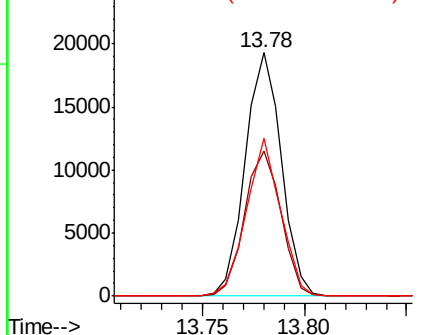


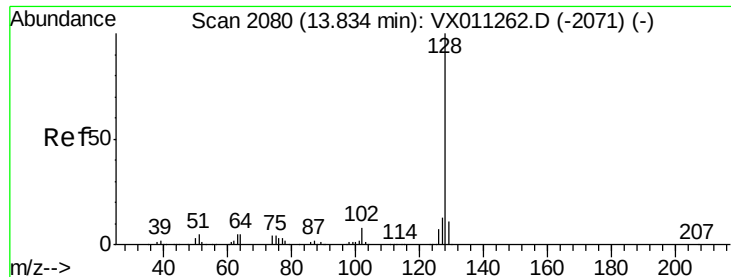
#94
 Hexachlorobutadiene
 Concen: 17.653 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011385.D
 Acq: 08 Aug 2019 12:32

Tgt Ion:225 Resp: 23714
 Ion Ratio Lower Upper
 225 100
 223 60.5 31.0 93.0
 227 61.6 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

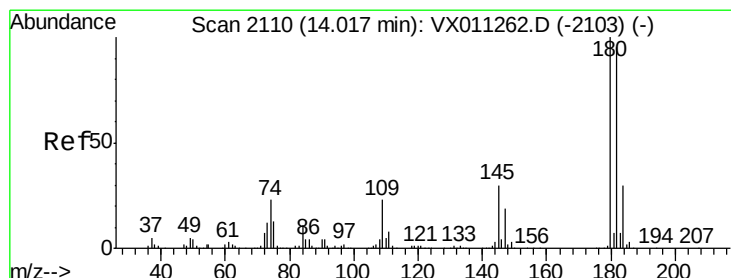
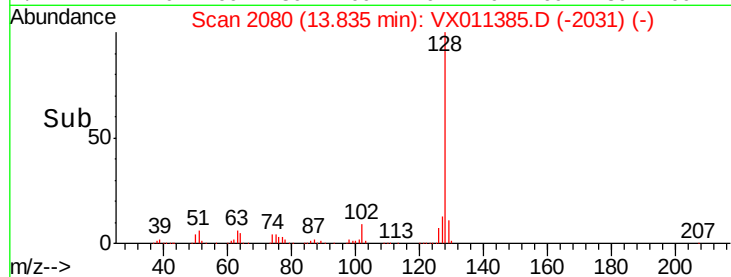
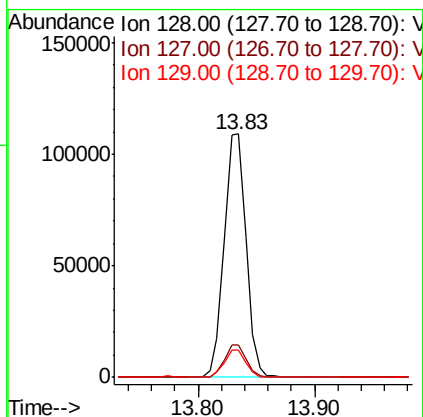
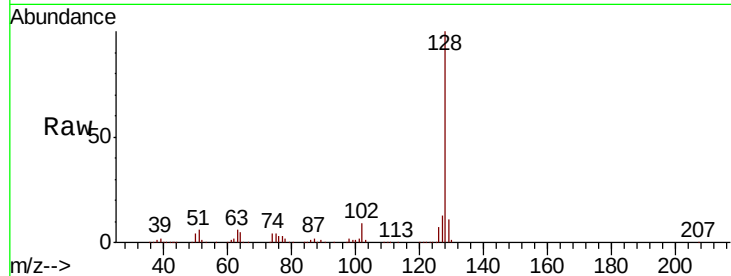




#95
Naphthalene
Concen: 18.360 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBSD01

Tgt Ion:128 Resp: 142158
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.2 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 17.724 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011385.D
Acq: 08 Aug 2019 12:32

Tgt Ion:180 Resp: 47708
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.3
145 31.4 15.2 45.6

